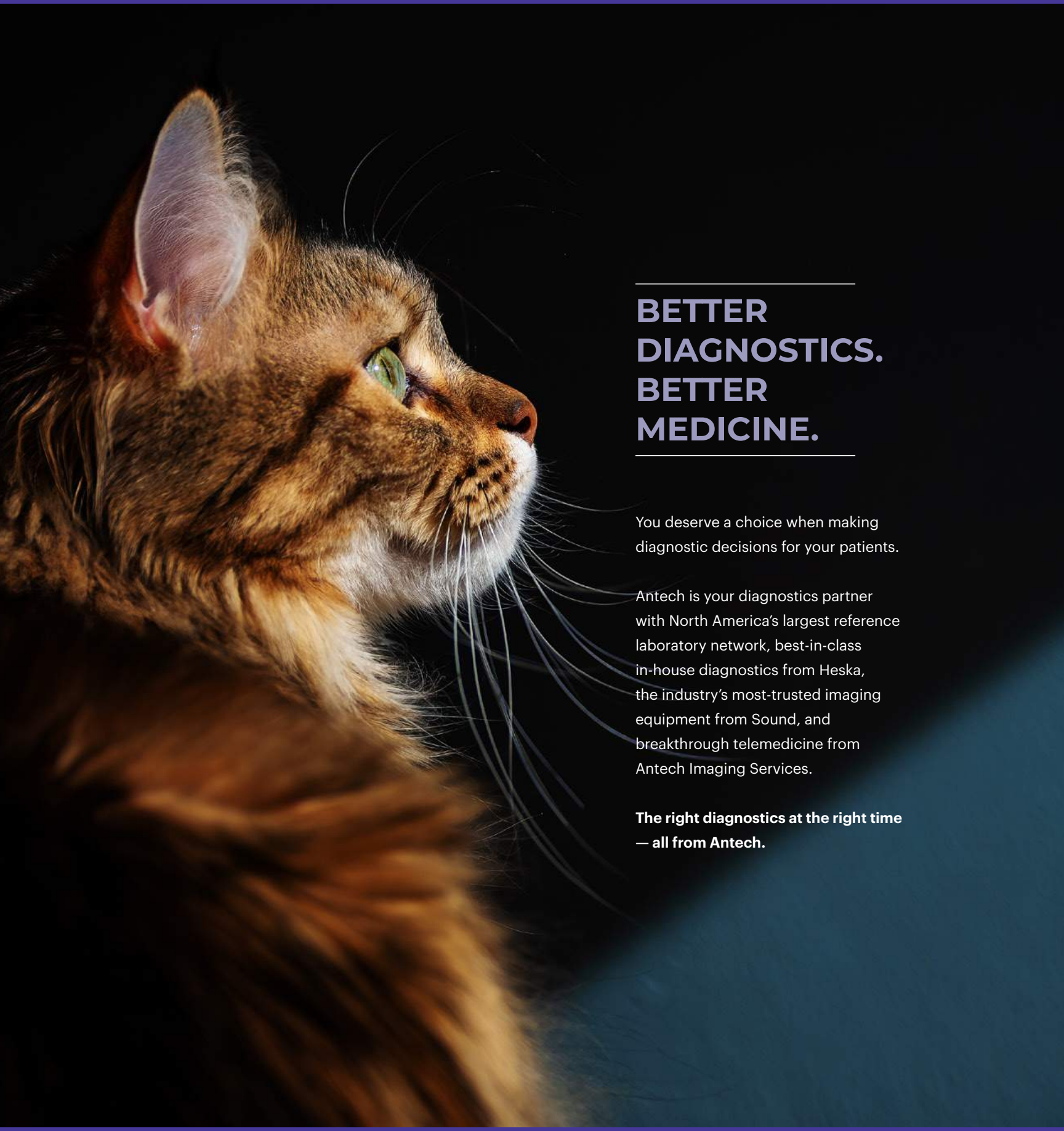
ANTECH

2024

DIRECTORY OF SERVICES

ANTECHDIAGNOSTICS.COM

UNITED STATES



BETTER DIAGNOSTICS. BETTER MEDICINE.

You deserve a choice when making diagnostic decisions for your patients.

Antech is your diagnostics partner with North America's largest reference laboratory network, best-in-class in-house diagnostics from Heska, the industry's most-trusted imaging equipment from Sound, and breakthrough telemedicine from Antech Imaging Services.

The right diagnostics at the right time — all from Antech.

NORTH AMERICA'S LARGEST REFERENCE LAB NETWORK

- Core diagnostics, including hematology, chemistry, parasitology, microbiology, and clinical and anatomic pathology
- Novel innovations like KeyScreen® GI Parasite PCR — the most advanced GI parasite screening solution in veterinary medicine
- Medical consulting services provided by board-certified specialists across all key specialties

IN-HOUSE DIAGNOSTICS BY HESKA, AN ANTECH COMPANY

- Most comprehensive in-clinic diagnostics portfolio on the market
- Innovative, accurate, and cost-effective core diagnostics including hematology, chemistry, immunodiagnostics, and ova and parasites
- Emergency and critical care diagnostics including blood, gases, and acid-base
- Best-in-class serological allergy assessment
- Rapid infectious disease testing with expanding menu (heartworm, FIV/FeLV)

HESKA'S IN-HOUSE DIAGNOSTIC SUITE, NOW OFFERED BY ANTECH

DIAGNOSTIC IMAGING AND EDUCATION FROM SOUND

- Digital radiology for superior image quality and diagnostic capabilities
- A comprehensive, accessible ultrasound portfolio
- Advanced therapeutic laser solutions for impactful treatment
- Efficient mobile and fixed CT solutions
- Innovative PACS to view your images confidently from any modality
- Gold standard for training and education

TELEMEDICINE AND AI-POWERED SOLUTIONS

- Expert interpretations of digital radiographs
- On-the-spot interpretations of ultrasounds
- Consultations by the world's largest team of board-certified veterinary radiologists
- AI-powered interpretations of routine digital radiographs in just minutes in many circumstances

HESKA

IN-HOUSE DIAGNOSTICS BY HESKA, AN ANTECH COMPANY

The world's only fully automated fecal and urine point-of-care lab

Element AIM™ works to perfectly prepare, automate, and take images of feces and urine. It finds important cells, bacteria, crystals, casts, and parasites (including roundworm, hookworm, tapeworm, whipworm, *Giardia*, and more) using a fast and sanitary load-and-go workflow. The Element AIM provides quality results and images to you and your clients — faster than ever.

Learn more

heska.com/element-aim

- Sealed test cassettes eliminate the mess and smell of handling slides and cover slips
- Superior lab-quality optics for crystal clear images in just minutes
- Digital images are easily stored in medical records and shared with clients and specialists
- Automation removes user error and wasted time at the microscope and during sample prep

DIAGNOSTIC IMAGING AND EDUCATION FROM SOUND

Sound SmartDR®
An unparalleled digital radiography system

Sound HD Dental
Superior diagnostic intraoral and periodontal images

GE® Ultrasound
Helping veterinarians incorporate ultrasound into practice since 1996

doctorVet Plus Therapy Laser
Everything you need in a therapy laser and nothing that you don't

CereTom® CT
A portable, wireless, self-shielded CT scanner to roll into your surgical suite

OEC C-Arm
High-quality images from a proven, dependable, classic C-Arm

Sound Assurance®
Protecting your investment and your practice

ACADEMY of VETERINARY IMAGING

Education
Possess the training to perform specific ultrasound exams

Sound imaging equipment and services are not only high-tech, but they are also intuitive. We are here for you and your patients, from customer service and tech support to customer education.

Speak with a Sound Representative today

1-800-268-5354

soundvet.com/request-demo

TELEMEDICINE AND AI-POWERED SOLUTIONS

Antech Imaging Services (AIS®) is here to provide your clients and their pets with the best care possible by offering board-certified specialists in radiology, cardiology, internal medicine, avian/exotics, oncology, neurology, and surgery — all by using cutting-edge digital technology partnered with the best practices of traditional veterinary medicine.

AIS PennHIP — the most effective hip screening tool available for dogs.

All dogs can benefit from PennHIP testing. For dogs at risk of developing hip osteoarthritis (OA), early intervention can help prevent or lessen the severity of canine hip dysplasia (CHD).

It gives an estimate of the risk for painful osteoarthritis (OA) of canine hip dysplasia (CHD) later in life. With this information, preventive and palliative strategies can be recommended by the PennHIP-trained veterinarian.

AIS RapidRead™ — accurate radiology reports at the speed of light.

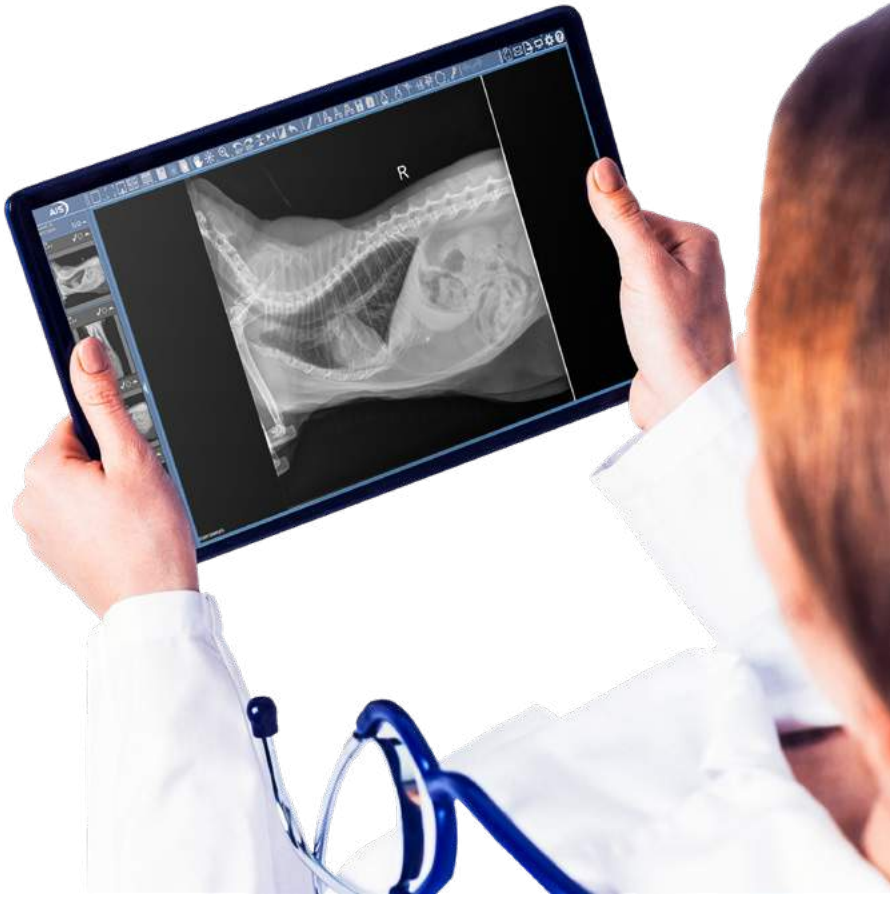
AIS Radiology RapidRead combines an ever-expanding, continuously trained neural network and a world-class team of radiologists and data scientists that delivers:

- 63+ findings and growing
- Contextual assessments for deeper insight so you can diagnose and treat your patient with confidence, sooner
- We continue to add new findings and will soon add ECG, Dental, CT, and MRI to our AIS RapidRead platform
- AIS online picture archiving and communication system (PACS) service is available 24 hours per day, 7 days a week, 365 days a year to securely store and digitally transmit electronic images and clinically relevant reports

Find a specialist that's right for you

1-877-727-6800
antechimagingservices.com/antechweb/contact

Our goal is to build close working relationships between practitioners and specialists. AIS personalization allows you to pick a preferred specialist, or a group of specialists, based on your preferences.

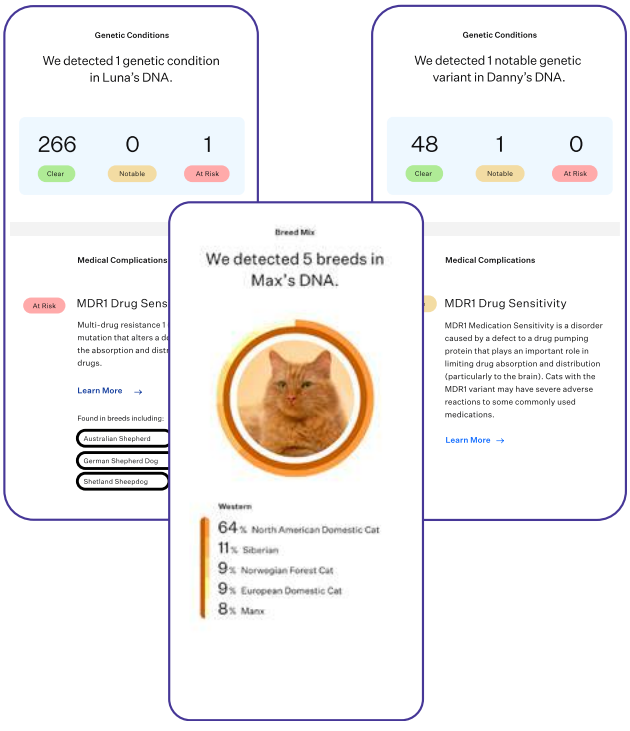


WISDOM PANEL™

COMPREHENSIVE GENETIC SCREENING TO IDENTIFY POTENTIAL HEALTH CONDITIONS EARLY — FOR DOGS AND CATS

Wisdom Panel™ Premium enables better risk management in pre-anesthetic and preventative care:

- Detect before clinical signs develop — and proactively counsel pet owners on risk, diet, exercise, and breeding
- Detects MDR1 Medication Sensitivity (cat and dog), von Willebrand's Disease Type 1 (dog), Intervertebral Disc Disease Risk (dog), Polycystic Kidney Disease (cat), Hypertrophic Cardiomyopathy (cat), and many more
- Canine panel includes 265+ disorder-associated genetic health variants
- Feline panel includes 45+ health conditions
- Backed by 35+ published papers
- Includes pet owner-friendly breed and trait identifications



Wisdom's veterinary consultants support you in interpreting genetic results so you can build proactive, tailored healthcare plans for your patients.

Canine Wisdom Panel™ Premium

S14497
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Feline Wisdom Panel™ Complete

S14498
page 133

KEYSCREEN® GI PARASITE PCR

The new standard in parasite diagnostics

T991
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KeyScreen GI Parasite PCR brings the power of PCR to routine parasite screening. Use KeyScreen to find more GI parasites and treat them with greater precision, speed, and confidence — all at an affordable price.

- Screens for 20 intestinal parasites
- Detects benzimidazole treatment' resistance in hookworms
- Determines the zoonotic potential of *Giardia*

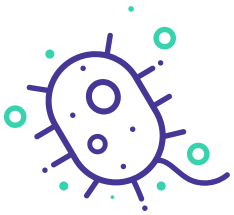
START FINDING MORE GI PARASITES, FASTER, TODAY

antechdiagnostics.com/parasites

Better pet health in one test

Detects

benzimidazole-resistant canine hookworm infections[1-5]



KeyScreen GI Parasite PCR found parasites in

1 in **4**

samples[4]

Reference lab O&P only found parasites in

1 in **10**

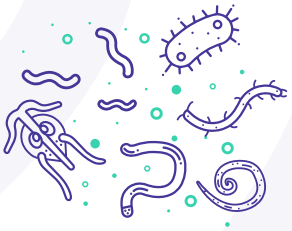
samples[7]

***Giardia* is NOT** typically zoonotic

less than 4% are[4]

Treatment resistant Hookworms

found in more dog breeds and across the US and Canada[1-5]



Parasites are evolving

so is KeyScreen GI Parasite PCR[2, 3, 5, 6]

1. Comparative Study of KeyScreen and traditional fecal flotation methods: https://parasitesandvectors.biomedcentral.com/articles/10.1186/s13071-023-05904-z
2. Leutenegger CM, et al. Emergence of Ancylostoma caninum parasites with the benzimidazole resistance F167Y polymorphism in the US dog population. Int. J. Parasitol. Drugs Drug Resist. 2023;14:131-140. https://www.sciencedirect.com/science/article/pii/S2211320723000015?via%3Dihub
3. Evason, MD, et al. Emergence of canine hookworm treatment resistance: Novel detection of Ancylostoma caninum anthelmintic resistance markers by fecal PCR in 11 dogs from Canada, Am J Vet Res. 2023 July: https://doi.org/10.2460/ajvr.23.05.0116
4. Leutenegger CM, et al. Frequency of intestinal parasites in dogs and cats identified by molecular diagnostics. ACVIM, Philadelphia, June 2023.
5. Leutenegger CM, et al. Association of the novel benzimidazole resistance marker Q134H with F167Y in dogs with Ancylostoma caninum. ACVIM, Philadelphia June 2023.
6. Venkatesan A, et al. Molecular evidence of widespread benzimidazole drug resistance in Ancylostoma caninum from domestic dogs throughout the USA and discovery of a novel β-tubulin benzimidazole resistance mutation. PLoS Pathog. Mar 2023;19:e1011146. https://journals.plos.org/plospathogens/article?id=10.1371/journal.ppat.1011146
7. KeyScreen Whitepaper https://www.antechdiagnostics.com/keyscreen/#keyscreen-whitepaper

ACCUPLEX® WITH C6

Screen for canine vector-borne disease with confidence

AC100
page 20

Accuplex, now with C6, tests for Lyme disease, heartworm, *Ehrlichia*, and *Anaplasma*.

- Lyme disease detection with Accuplex includes screening for antibodies to C6, and is in alignment with the 2018 ACVIM consensus statement for Lyme borreliosis.*
- The C6 peptide is only expressed following natural infection or exposure of a host. Therefore, a positive C6 result will not be reported from cross-reactivity with vaccinal antibodies.

EXPERIENCE IT NOW AND MOVE YOUR CANINE VECTOR-BORNE DISEASE SCREENING FROM IN-HOUSE TO OUR HOUSE

antechdiagnostics.com/accuplex

*Meryl P Littman, Bernhard Gerber, Richard E Goldstein, Mary Anna Labato, Michael R Lappin, George E Moore. ACVIM consensus update on Lyme borreliosis in dogs and cats. J Vet Intern Med. 2018 May;32(3):887-903. https://onlinelibrary.wiley.com/doi/full/10.1111/jvim.15085"

WELCOME TO

ANTECH'S DIRECTORY OF SERVICES

Quickly find the test you need, when you need it

- See the Table of Contents to explore all that is available at your fingertips.
- Head to our Test Index (**page 185**) to find the exact location of the test or profile you need.
- Find our frequently used phone numbers in the Support Services section **(page 14**).
- The Quick Reference section (**page 16**) contains all the information you need for scheduling pickups and ordering supplies.

Reference Laboratories Terms of Service

Unless otherwise agreed in an agreement signed by an authorized representative of Antech, all reference laboratory testing and consulting services set out in this directory are governed by our standard terms and conditions, available at **antechdiagnostics.com/terms-service**.

Privacy Policy

As part of Mars Petcare, we are committed to A Better World for Pets.™ Antech respects and is committed to protecting your privacy. Please visit **mars.com/privacy** to see a copy of our privacy statement and how we handle the privacy of your data.

NOTE

The tests and services listed in this directory have been organized in a manner determined to be either appropriate medically or for ease of use by veterinary practitioners in the estimation of our medical operations teams. Any headings or groupings of tests or services are for reference purposes only. Additionally, all turnaround times and prices set forth in this directory are subject to change at our sole discretion. Please contact Customer Service at 1-800-872-1001 if you wish to confirm any information in this directory.

Table of Contents

NOTES | FREQUENTLY USED TEST CODES

SUPPORT SERVICES

Customer Service
1-800-872-1001, Dial 0

M – F	5 a.m. – 9 p.m. PST	8 a.m. – Midnight EST
SAT	5 a.m. – 5 p.m. PST	8 a.m. – 8 p.m. EST
SUN	6 a.m. – 3 p.m. PST	9 a.m. – 6 p.m. EST

Dispatch/Specimen Pickup
1-800-872-1001, Dial 1

AUTOMATED	24/7	
M – F	5 a.m. – 9 p.m. PST	8 a.m. – Midnight EST
SAT	5 a.m. – 5 p.m. PST	8 a.m. – 8 p.m. EST
SUN	6 a.m. – 3 p.m. PST	9 a.m. – 6 p.m. EST

Consultation Services
1-800-872-1001, Dial 2

M – F	5 a.m. – 6 p.m. PST	8 a.m. – 9 p.m. EST
SAT	6 a.m. – 3 p.m. PST	9 a.m. – 6 p.m. EST
SUN	CLOSED	

Billing
1-800-872-1001, Dial 3

M – F	6 a.m. – 5 p.m. PST	9 a.m. – 8 p.m. EST
SAT – SUN	CLOSED	

Equine Support
1-800-872-1001, Dial 4

M – F	5 a.m. – 9 p.m. PST	8 a.m. – Midnight EST
SAT	5 a.m. – 5 p.m. PST	8 a.m. – 8 p.m. EST
SUN	6 a.m. – 3 p.m. PST	9 a.m. – 6 p.m. EST

Antech Imaging Services
1-800-872-1001, Dial 5

AUTOMATED	24/7

Website Support
1-800-872-1001, Dial 6
support@antechdiagnostics.com

M – F	6 a.m. – 4 p.m. PST	9 a.m. – 7 p.m. EST
SAT	6 a.m. – Noon PST	9 a.m. – 3 p.m. EST
SUN	CLOSED	

Sound
1-800-819-5538

M – F	8 a.m. – 5 p.m. PST	11 a.m. – 8 p.m. EST
SAT – SUN	CLOSED	

ACCOUNT INFORMATION

ANTECH ACCOUNT NUMBER

HEALTHTRACKS NUMBER

USERNAME

PASSWORD

HealthTracks®

online.antechdiagnostics.com

HealthTracks provides you access to your diagnostic needs in one innovative digital platform. This digital center simplifies your practice's diagnostic workflow, ensuring you have the features you need to provide the best care for your patients.

Elevate your diagnostic experience and explore all the HealthTracks features at **antechdiagnostics.com/healthtracks**

TERRITORY SALES MANAGER

E-MAIL

MOBILE

INSIDE ACCOUNT REPRESENTATIVE

E-MAIL

MOBILE

PROFESSIONAL SERVICES VETERINARIAN

E-MAIL

MOBILE

SOUND EQUIPMENT SPECIALIST

E-MAIL

MOBILE

QUICK REFERENCE

Antech's dedicated Customer Service Team is here to help at **1-800-872-1001**

Completion Codes — Submitting a Sample for Profile Completion

Missing one of the sample types? No problem. If you do not have a necessary sample when submitting a profile, you may submit the omitted sample within 30 days of the original profile submission to complete the profile at no additional charge.

1. Create a new Test Requisition Form using the applicable completion code from the list below
2. On the Test Requisition Form, reference the original profile's 12-character accession number in the notes field
3. Print the Test Requisition Form and submit the sample as normal

Completion codes submitted after 30 days, not related to a prior profile submission, or without reference to the original accession number will be invoiced for the applicable test code.

- T991NC — KeyScreen® GI Parasite PCR Completion
- T805NC — Ova and Parasite Completion
- T808NC — Ova and Parasite with *Giardia* Completion
- T760NC — Urinalysis Completion
- T415NC — PT/PTT Completion

Follow-up and Monitoring Tests

We offer you reduced-charge testing for serial patient monitoring and rechecks. Within 30 days of the original submission, order one of the codes below and include the original profile's 12-character accession number on the Test Requisition Form.

- AC100R — Accuplex® Recheck
- RECHECK — Superchem with SDMA, CBC
- T330R — CBC Recheck
- T760R — Urinalysis Recheck
- M130R — Urine Culture Recheck
- M133R — Urinalysis and Urine Culture Recheck

Please note that recheck codes submitted after 30 days, not related to a prior profile submission, or without reference to the original accession number, will be charged the applicable non-recheck test fee.

Add-on Testing

Easily add testing to base profiles at a reduced charge. Add-ons must be ordered during the initial submission to receive discounted add-on pricing. After the original profile is submitted, additional tests will be charged the regular individual test fee.

Test Cancellation

Testing that has not begun can be canceled at no charge by calling Customer Service. Testing that is already in process cannot be canceled.

*Histology Note: all samples received for histology will be processed and evaluated. Histology tests may be canceled only prior to sample processing, and all samples in the accession must be canceled.

See the full reference lab terms of service at **antechdiagnostics.com/terms-service**

Specimen Retention Times

CLINICAL SUBMISSIONS	
Whole Blood	7 days
Serum/Plasma	7 days
Urine	7 days
EIA (Coggins): AGID and ELISA	30 days
Hematology – Slides (includes Wright's stained urine smears)	7 days
Microbiology – all specimens	7 days
Microbiology – Slides (gram stain smears)	14 days
PATHOLOGY (CYTOLOGY) SUBMISSIONS	
Biological Specimens	7 days
Slides	90 days
PATHOLOGY (HISTOLOGY) SUBMISSIONS	
Biological Specimens (wet tissue in formalin)	30 days
Blocks	18 months
Slides	180 days

Supplies

Multiple ways to order supplies:

- Online — HealthTracks (preferred): **online.antechdiagnostics.com**
- Phone — **1-800-872-1001**
- Fax — **1-888-397-8356**

Supplies are typically delivered within 2 – 5 days of ordering.

Test Requisition Forms

Antech offers both electronic and paper test requisition forms (TRFs). Electronic TRFs can be generated directly from your practice management system, or through HealthTracks. Electronic TRFs are the most efficient and convenient way to order diagnostic testing. They have many benefits, including increased data and order integrity and the ability to archive requisitions. Manual TRFs are also available online at **antechdiagnostics.com** and can be ordered through HealthTracks.

CONSULTING SERVICES

Live, expert, and complimentary peer-to-peer medical consultations

Looking for a trusted expert to help you interpret diagnostic results or develop a diagnostic and treatment plan? Antech provides current customers with comprehensive consulting services to assist with diagnostic interpretation, clinical application of results, and general case support. With a world-class team of 60+ board-certified specialists across 12 specialties, Antech is committed to partnerships you can count on.

Request A Consult

Please have your Antech account number and the accession number(s) available for the results you wish to discuss. Immediately connect with the first available Internal Medicine specialist consultant or request a call-back.

1-800-872-1001, Dial 2
online.antechdiagnostics.com

Internal Medicine specialists are available Monday through Saturday

M – F	5 a.m. – 6 p.m. PST	8 a.m. – 9 p.m. EST
SAT	6 a.m. – 3 p.m. PST	9 a.m. – 6 p.m. EST

During business days, all other specialists are available by call back within 24 – 48 hours

Avian and Exotics

Behavior

Cardiology

Dentistry

Dermatology

Equine and Large Animal

Neurology

Nutrition

Oncology

Reproduction

ESSENTIAL PANELS

	SUPERCHEM WITH SDMA SA010	VET SCREEN WITH SDMA SA025	ADULT WELLNESS CHEMISTRY WITH SDMA SA665	PRE-OP SCREEN WITH SDMA SA040
A/G Ratio	●	●	●	
Albumin	●	●	●	
Alkaline Phosphatase	●	●	●	
ALT (SGPT)	●	●	●	
Amylase	●			
AST (SGOT)	●	●		
BUN	●	●	●	
BUN/Creatinine Ratio	●	●	●	
Calcium	●	●		
Chloride	●	●	●	
Cholesterol	●	●		
CPK	●	●		
Creatinine	●	●	●	
GGT	●			
Globulin	●	●	●	
Glucose	●	●	●	
Magnesium	●			
NA/K Ratio	●	●	●	
Pancreatic Sensitive Lipase (PSL)	●			
Phosphorus	●	●		
Potassium	●	●	●	
SDMA	●	●	●	
Sodium	●	●	●	
Total Bilirubin	●	●		
Total Protein	●	●	●	
Triglycerides	●			

PREVENTATIVE CARE

CODE	TEST NAME | DESCRIPTION | COMPONENTS	SPECIMEN	TAT*
AC100	**Accuplex®** This is a canine vector-borne disease screening for heartworm, Lyme disease (includes screening for antibodies against two C6 peptides), *E. canis*, and *A. phagocytophilum*.	**0.5 mL serum in red top or serum separator tube**	**1-2 days**
KAC100	**Accuplex®, KeyScreen® GI Parasite PCR** Accuplex® is a canine vector-borne disease screening for heartworm, Lyme disease (includes screening for antibodies against two C6 peptides), *E. canis*, and *A. phagocytophilum*. KeyScreen® is a fecal PCR test that detects 20 individual parasite species. If detected, *Toxocara* spp. will be further speciated (*T. cati*, *T. canis*, and *T. leonina*), *Ancyclostoma caninum* will be evaluated for benzimidazole resistance, and *Giardia* evaluated for subtypes A and B.	**0.5 mL serum and 0.3 grams feces** Serum in red top or serum separator tube, Antech provided fecal container	**1-3 days**
KA535	**Adult Chem with Lytes, SDMA, CBC, Accuplex®, KeyScreen®** Wellness Chemistry with Electrolytes and SDMA, CBC, Accuplex®, and KeyScreen® Wellness chemistry with electrolytes, complete blood count, SDMA for glomerular filtration rate estimation (see T1035), Accuplex® for vector-borne disease screening (AC100), and KeyScreen® for intestinal parasite detection (see T991).	**1.0 mL serum, 1.0 mL EDTA whole blood, and 0.3 grams feces** Serum in red top or serum separator tube, lavender top, Antech provided fecal container	**1-3 days**
AC535S	**Adult Chem with Lytes, SDMA, CBC, O&P, Accuplex®** Wellness Chemistry with Electrolytes, CBC, Fecal O&P, Accuplex®, and SDMA Wellness chemistry with electrolytes, SDMA for glomerular filtration rate estimation (see T1035), complete blood count, Accuplex® for vector-borne disease screening (see AC100), and fecal analysis using zinc sulfate with centrifugation/flotation for ova and parasite detection (T805).	**1.0 mL serum, 1.0 mL EDTA whole blood, and 5.0 grams feces** Serum in red top or serum separator tube, lavender top, Antech provided fecal container	**1-2 days**

*SEE ANTECHDIAGNOSTICS.COM/TERMS-SERVICE FOR MORE DETAILS ON TURNAROUND TIMES

CODE	TEST NAME | DESCRIPTION | COMPONENTS	SPECIMEN	TAT*
KA583	**Adult Chem with Lytes, SDMA, CBC, Accuplex®, T4, KeyScreen®** Wellness Chemistry with Electrolytes and SDMA, CBC, T4, Accuplex®, and KeyScreen® Wellness chemistry with electrolytes, SDMA (T1035), complete blood count, Accuplex® for vector-borne disease screening (see AC100), total T4, and KeyScreen® for intestinal parasite detection (see T991).	**1.0 mL serum, 1.0 mL EDTA whole blood, and 0.3 grams feces** Serum in red top or serum separator tube, lavender top, Antech provided fecal container	**1-3 days**
KS519	**Adult Chem with Lytes, SDMA, CBC, Feline Heartworm, FIV, FeLV, KeyScreen®** Wellness Chemistry with Electrolytes and SDMA, CBC, FeLV, FIV, Heartworm Antibody, and KeyScreen® Wellness chemistry with electrolytes, SDMA (T1035), complete blood count, FeLV antigen detection, FIV and heartworm antibody detection, and KeyScreen® for intestinal parasite detection (see T991).	**1.25 mL serum, 1.0 mL EDTA whole blood, and 0.3 grams feces** Serum in red top or serum separator tube, lavender top, Antech provided fecal container	**1-3 days**
KS673	**Adult Chem with Lytes, SDMA, CBC, T4, UA, KeyScreen®** Wellness Chemistry with Electrolytes and SDMA, CBC, T4, Urinalysis, and KeyScreen® A complete minimum database (chemistry with electrolytes, complete blood count, urinalysis), total T4, KeyScreen® for intestinal parasite detection (see T991), and SDMA for glomerular filtration rate estimation (see T1035).	**0.5 mL serum, 1.0 mL EDTA whole blood, 6.0 mL urine, and 0.3 grams feces** Serum in red top or serum separator tube, lavender top, urine transport tube, Antech provided fecal container	**1-3 days**
KS575	**Adult Chem with Lytes, SDMA, CBC, FIV, FeLV, KeyScreen®** Wellness Chemistry with Electrolytes and SDMA, CBC, FeLV, FIV, and KeyScreen® Wellness chemistry with electrolytes, SDMA (T1035), complete blood count, FeLV antigen detection, FIV antibody detection,and KeyScreen® for intestinal parasite detection (see T991).	**1.0 mL serum, 1.0 mL EDTA whole blood, and 0.3 grams feces** Serum in red top or serum separator tube, lavender top, Antech provided fecal container	**1-3 days**
KS534	**Adult Chem with Lytes, SDMA, CBC, Heartworm, KeyScreen®** Wellness Chemistry with Electrolytes and SDMA, CBC, Heartworm Antigen detection, and KeyScreen® Wellness chemistry with electrolytes, SDMA, complete blood count, heartworm antigen detection, and KeyScreen® for intestinal parasite detection (see T991).	**1.0 mL serum, 1.0 mL EDTA whole blood, and 0.3 grams feces** Serum in red top or serum separator tube, lavender top, Antech provided fecal container	**1-3 days**

CODE	TEST NAME | DESCRIPTION | COMPONENTS	SPECIMEN	TAT*
KS535	**Adult Chem with Lytes, SDMA, CBC, KeyScreen®** Wellness Chemistry with Electrolytes and SDMA, CBC, and KeyScreen® Wellness chemistry with electrolytes, SDMA, complete blood count, and KeyScreen® for intestinal parasite detection (see T991).	**0.5 mL serum, 1.0 mL EDTA whole blood, and 0.3 grams feces** Serum in red top or serum separator tube, lavender top, Antech provided fecal container	**1-3 days**
KS591	**Adult Chem with Lytes, SDMA, CBC, T4, Feline Heartworm, FIV, FeLV, KeyScreen®** Wellness Chemistry with Electrolytes and SDMA, CBC, T4, FeLV, FIV, Heartworm Antibody, and KeyScreen® Wellness chemistry with electrolytes, SDMA, complete blood count, total T4, FeLV antigen detection, FIV and heartworm antibody detection, and KeyScreen® for intestinal parasite detection (see T991).	**1.25 mL serum, 1.0 mL EDTA whole blood, and 0.3 grams feces** Serum in red top or serum separator tube, lavender top, Antech provided fecal container	**1-3 days**
KS597	**Adult Chem with Lytes, SDMA, CBC, T4, FIV, FeLV, KeyScreen®** Wellness Chemistry with Electrolytes and SDMA, CBC, T4, FeLV, FIV, and KeyScreen® Wellness chemistry with electrolytes, SDMA, complete blood count, total T4, FeLV antigen detection, FIV antibody detection, and KeyScreen® for intestinal parasite detection (see T991).	**1.0 mL serum, 1.0 mL EDTA whole blood,and 0.3 grams feces** Serum in red top or serum separator tube, lavender top, Antech provided fecal container	**1-3 days**
KS583	**Adult Chem with Lytes, SDMA, CBC, T4, KeyScreen®** Wellness Chemistry with Electrolytes and SDMA, CBC, T4, and KeyScreen® Wellness chemistry with electrolytes, SDMA, complete blood count, total T4, and KeyScreen® for intestinal parasite detection (see T991).	**0.5 mL serum, 1.0 mL EDTA whole blood, and 0.3 grams feces** Serum in red top or serum separator tube, lavender top, Antech provided fecal container	**1-3 days**
KS619	**Adult Chem with Lytes, SDMA, CBC, T4, UA, FIV, FeLV, KeyScreen®** Wellness Chemistry with Electrolytes and SDMA, CBC, T4, Urinalysis, FeLV, FIV, and KeyScreen® A complete minimum database (chemistry with electrolytes, complete blood count, urinalysis), total T4, FeLV antigen detection, FIV antibody detection, KeyScreen® for intestinal parasite detection (see T991), and SDMA for glomerular filtration rate estimation (see T1035).	**1.0 mL serum, 1.0 mL EDTA whole blood, 6.0 mL urine, 0.3 grams feces** Serum in red top or serum separator tube, lavender top, urine transport tube, Antech provided fecal container	**1-3 days**

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CODE	TEST NAME | DESCRIPTION | COMPONENTS	SPECIMEN	TAT*
KA053	**Adult Chem with Lytes, SDMA, CBC, UA, Accuplex®, KeyScreen®** Wellness Chemistry with Electrolytes and SDMA, CBC, Urinalysis, Accuplex®, and KeyScreen® A complete minimum database (chemistry with electrolytes, complete blood count, urinalysis), Accuplex® for vector-borne disease screening (see AC100), KeyScreen® for intestinal parasite detection (see T991), and SDMA for glomerular filtration rate estimation (see T1035).	**1.0 mL serum, 1.0 mL EDTA whole blood, 6.0 mL urine, and 0.3 grams feces** Serum in red top or serum separator tube, lavender top, urine transport tube, Antech provided fecal container	**1-3 days**
KA673	**Adult Chem with Lytes, SDMA, CBC, UA, Accuplex®, T4, KeyScreen®** Wellness Chemistry with Electrolytes and SDMA, CBC, T4, Urinalysis, Accuplex®, and KeyScreen® A complete minimum database (chemistry with electrolytes, complete blood count, urinalysis), total T4, Accuplex® for vector-borne disease screening (see AC100), KeyScreen® for intestinal parasite detection (see T991), and SDMA for glomerular filtration rate estimation (see T1035).	**1.0 mL serum, 1.0 mL EDTA whole blood, 6.0 mL urine, and 0.3 grams feces** Serum in red top or serum separator tube, lavender top, urine transport tube, Antech provided fecal container	**1-3 days**
KS634	**Adult Chem with Lytes, SDMA, CBC, UA, FIV, FeLV, KeyScreen®** Wellness Chemistry with Electrolytes and SDMA, CBC, Urinalysis, FeLV, FIV, and KeyScreen® A complete minimum database (chemistry with electrolytes, complete blood count, urinalysis), FeLV antigen detection, FIV antibody detection, KeyScreen® for intestinal parasite detection (see T991), and SDMA for glomerular filtration rate estimation (see T1035). Interferences: marked hemolysis or lipemia may result in false positive results on the FeLV Antigen ELISA.	**1.0 mL serum, 1.0 mL EDTA whole blood, 6.0 mL urine, and 0.3 grams feces** Serum in red top or serum separator tube, lavender top, urine transport tube, Antech provided fecal container	**1-3 days**
KS592	**Adult Chem with Lytes, SDMA, CBC, UA, Heartworm, KeyScreen®** Wellness Chemistry with Electrolytes and SDMA, CBC, Urinalysis, Heartworm, KeyScreen® A complete minimum database (chemistry with electrolytes, complete blood count, urinalysis), heartworm antigen detection, KeyScreen® for intestinal parasite detection (see T991), and SDMA for glomerular filtration rate estimation (see T1035). Interferences: marked hemolysis and lipemia.	**1.0 mL serum, 1.0 mL EDTA whole blood, 6.0 mL urine, and 0.3 grams feces** Serum in red top or serum separator tube, lavender top, urine transport tube, Antech provided fecal container	**1-3 days**

CODE	TEST NAME | DESCRIPTION | COMPONENTS	SPECIMEN	TAT*
KS587	**Adult Chem with Lytes, SDMA, CBC, UA, Heartworm, T4, KeyScreen®** Wellness Chemistry with Electrolytes and SDMA, CBC, T4, Urinalysis, Heartworm Antigen test, and KeyScreen® A complete minimum database (chemistry with electrolytes, complete blood count, urinalysis), total T4, heartworm antigen detection, KeyScreen® for intestinal parasite detection (see T991), and SDMA for glomerular filtration rate estimation (see T1035). Interferences: T4 evaluation can be affected in a hemolyzed or moderately lipemic sample. Lipemia can falsely decrease T4 results. Lipemia can falsely elevate TSH results.	**1.0 mL serum, 1.0 mL EDTA whole blood, 6.0 mL urine, and 0.3 grams feces** Serum in red top or serum separator tube, lavender top, urine transport tube, Antech provided fecal container	**1-3 days**
KS053	**Adult Chem with Lytes, SDMA, CBC, UA, KeyScreen®** Wellness Chemistry with Electrolytes and SDMA, CBC, Urinalysis, and KeyScreen® A complete minimum database (chemistry with electrolytes, complete blood count, urinalysis), KeyScreen® for intestinal parasite detection (see T991), and SDMA for glomerular filtration rate estimation (see T1035). Interferences: marked hemolysis and lipemia.	**0.5 mL serum, 1.0 mL EDTA whole blood, 6.0 mL urine, and 0.3 grams feces** Serum in red top or serum separator tube, lavender top, urine transport tube, Antech provided fecal container	**1-3 days**
KS623	**Adult Chem with Lytes, SDMA, CBC, UA, Feline Heartworm, FIV, FeLV, KeyScreen®** Wellness Chemistry with Electrolytes and SDMA, CBC, Urinalysis, FeLV, FIV, Heartworm Antibody, and KeyScreen® A complete minimum database (chemistry with electrolytes, complete blood count, urinalysis), FeLV antigen detection, FIV and heartworm antibody detection, KeyScreen® for intestinal parasite detection (see T991), and SDMA for glomerular filtration rate estimation (see T1035).	**1.25 mL serum, 1.0 mL EDTA whole blood, 6.0 mL urine, and 0.3 grams feces** Serum in red top or serum separator tube, lavender top, urine transport tube, Antech provided fecal container	**1-3 days**
KS589	**Adult Chem with Lytes, SDMA, CBC, T4, UA, Feline Heartworm, FIV, FeLV, KeyScreen®** Wellness Chemistry with Electrolytes and SDMA, CBC, T4, Urinalysis, FeLV, FIV and Heartworm Antibody detection, and KeyScreen® A complete minimum database (chemistry with electrolytes, complete blood count, urinalysis), total T4, FeLV antigen detection, FIV and heartworm antibody detection, KeyScreen® for intestinal parasite detection (see T991), and SDMA for glomerular filtration rate estimation (see T1035).	**1.25 mL serum, 1.0 mL EDTA whole blood, 6.0 mL urine, 0.3 grams feces** Serum in red top or serum separator tube, lavender top, urine transport tube, Antech provided fecal container	**1-3 days**

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CODE	TEST NAME | DESCRIPTION | COMPONENTS	SPECIMEN	TAT*
KA600	**Adult Chem with SDMA, Accuplex®, KeyScreen®** Wellness Chemistry with SDMA, CBC, Accuplex®, and KeyScreen® Wellness chemistry, complete blood count, Accuplex® for canine vector-borne disease screening (see AC100), KeyScreen® for intestinal parasite detection (see T991), and SDMA for glomerular filtration rate estimation (see T1035). Interferences: marked hemolysis and lipemia.	**1.0 mL serum, 1.0 mL EDTA whole blood, and 0.3 grams feces** Serum in red top or serum separator tube, lavender top, Antech provided fecal container	**1-3 days**
AC600	**Adult Chem with SDMA, CBC, Accuplex®** Wellness Chemistry with SDMA, CBC, and Accuplex® Wellness chemistry, complete blood count, Accuplex® for canine vector-borne disease screening (see AC100), and SDMA for glomerular filtration rate estimation (see T1035). Interferences: marked hemolysis and lipemia.	**1.0 mL serum and 1.0 mL EDTA whole blood** Serum in red top or serum separator tube, lavender top	**1-2 days**
KA670	**Adult Chem with SDMA, CBC, Accuplex®, T4, KeyScreen®** Wellness Chemistry with SDMA, CBC, T4, Accuplex®, and KeyScreen® Wellness chemistry, complete blood count, total T4, Accuplex® for canine vector-borne disease screening (see AC100), KeyScreen® for intestinal parasite detection (see T991), and SDMA for glomerular filtration rate estimation (see T1035). Interferences: T4 evaluation can be affected in a hemolyzed or moderately lipemic sample. Lipemia can falsely decrease T4 results. Lipemia can falsely elevate TSH results.	**1.0 mL serum, 1.0 mL EDTA whole blood, and 0.3 grams feces** Serum in red top or serum separator tube, lavender top, Antech provided fecal container	**1-3 days**
KS622	**Adult Chem with SDMA, CBC, Feline Heartworm, FIV, FeLV, KeyScreen®** Wellness Chemistry with SDMA, CBC, FeLV, FIV, Heartworm Antibody, and KeyScreen® Wellness chemistry, complete blood count, FeLV antigen detection, FIV and heartworm antibody detection, KeyScreen® for intestinal parasite detection (see T991), and SDMA for glomerular filtration rate estimation (see T1035). Interferences: marked hemolysis or lipemia may result in false positive results on the FeLV Antigen ELISA.	**1.25 mL serum, 1.0 mL EDTA whole blood, and 0.3 grams feces** Serum in red top or serum separator tube, lavender top, Antech provided fecal container	**1-3 days**
KS675	**Adult Chem with SDMA, CBC, FIV, FeLV, KeyScreen®** Wellness Chemistry with SDMA, CBC, FeLV, FIV, and KeyScreen® Wellness chemistry, complete blood count, FeLV antigen detection, FIV antibody detection, KeyScreen® for intestinal parasite detection (see T991), and SDMA for glomerular filtration rate estimation (see T1035). Interferences: marked hemolysis or lipemia may result in false positive results on the FeLV Antigen ELISA.	**1.0 mL serum, 1.0 mL EDTA whole blood, and 0.3 grams feces** Serum in red top or serum separator tube, lavender top, Antech provided fecal container	**1-3 days**

CODE	TEST NAME | DESCRIPTION | COMPONENTS	SPECIMEN	TAT*
KS605	**Adult Chem with SDMA, CBC, Heartworm, KeyScreen®** Wellness Chemistry with SDMA, CBC, Heartworm Antigen, and KeyScreen® Wellness chemistry, complete blood count, heartworm antigen detection, KeyScreen® for intestinal parasite detection (see T991), and SDMA for glomerular filtration rate estimation (see T1035). Interferences: marked hemolysis and lipemia.	**1.0 mL serum, 1.0 mL EDTA whole blood, and 0.3 grams feces** Serum in red top or serum separator tube, lavender top, Antech provided fecal container	**1-3 days**
KS685	**Adult Chem with SDMA, CBC, Heartworm, T4, KeyScreen®** Wellness Chemistry with SDMA, CBC, T4, Heartworm Antigen, and KeyScreen® Wellness chemistry, complete blood count, total T4, heartworm antigen detection, KeyScreen® for intestinal parasite detection (see T991), and SDMA for glomerular filtration rate estimation (see T1035). Interferences: T4 evaluation can be affected in a hemolyzed or moderately lipemic sample. Lipemia can falsely decrease T4 results. Lipemia can falsely elevate TSH results.	**1.0 mL serum, 1.0 mL EDTA whole blood, and 0.3 grams feces** Serum in red top or serum separator tube, lavender top, Antech provided fecal container	**1-3 days**
KS600	**Adult Chem with SDMA, CBC, KeyScreen®** Wellness Chemistry with SDMA, CBC, and KeyScreen® Wellness chemistry, complete blood count, KeyScreen® for intestinal parasite detection (see T991), and SDMA for glomerular filtration rate estimation (see T1035). Interferences: marked hemolysis and lipemia.	**0.5 mL serum, 1.0 mL EDTA whole blood, and 0.3 grams feces** Serum in red top or serum separator tube, lavender top, Antech provided fecal container	**1-3 days**
AC615	**Adult Chem with SDMA, CBC, O&P, Accuplex®** Wellness Chemistry with SDMA, CBC, Fecal O&P with Centrifugation, Accuplex® Wellness chemistry, complete blood count, fecal analysis via zinc sulfate centrifugation/floatation for ova and parasite detection (T805), Accuplex® for canine vector disease borne screening (AC100), and SDMA for glomerular filtration rate estimation (see T1035).	**1.0 mL serum, 1.0 mL EDTA whole blood, and 5 grams feces** Serum in red top or serum separator tube, lavender top, Antech provided fecal container	**1-2 days**
AC655	**Adult Chem with SDMA, CBC, O&P, *Giardia*, Accuplex®** Wellness Chemistry with SDMA, CBC, Fecal O&P with Centrifugation, *Giardia*, Accuplex® Wellness chemistry, complete blood count, SDMA for glomerular filtration rate estimation (see T1035), fecal analysis via zinc sulfate centrifugation/flotation for ova and parasite detection (T805) and *Giardia* antigen detection via ELISA. Accuplex® can be reflexed for a nominal fee. Interferences: marked hemolysis and lipemia.	**1.0 mL serum, 1.0 mL EDTA whole blood, and 6 grams feces** Serum in red top or serum separator tube, lavender top, Antech provided fecal container	**1-2 days**

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KS590	**Adult Chem with SDMA, CBC, T4, Feline Heartworm, FIV, FeLV, KeyScreen®** Wellness Chemistry with SDMA, CBC, T4, FeLV, FIV, Heartworm Antibody, and KeyScreen® Wellness chemistry, complete blood count, total T4, FeLV antigen detection, FIV and heartworm antibody detection, KeyScreen® for intestinal parasite detection (see T991), and SDMA for glomerular filtration rate estimation (see T1035). Interferences: marked hemolysis or lipemia may result in false positive results on the FeLV Antigen ELISA.	**1.25 mL serum, 1.0 mL EDTA whole blood, and 0.3 grams feces** Serum in red top or serum separator tube, lavender top, Antech provided fecal container	**1-3 days**
KS697	**Adult Chem with SDMA, CBC, T4, FIV, FeLV, KeyScreen®** Wellness Chemistry with SDMA, CBC, T4, FeLV, FIV, and KeyScreen® Wellness chemistry, complete blood count, total T4, FeLV antigen detection, FIV antibody detection, KeyScreen® for intestinal parasite detection (see T991), and SDMA for glomerular filtration rate estimation (see T1035). Interferences: marked hemolysis or lipemia may result in false positive results on the FeLV Antigen ELISA.	**1.0 mL serum, 1.0 mL EDTA whole blood, and 0.3 grams feces** Serum in red top or serum separator tube, lavender top, Antech provided fecal container	**1-3 days**
KS588	**Adult Chem with SDMA, CBC, T4, UA, Feline Heartworm, FIV, FeLV, KeyScreen®** Wellness Chemistry with SDMA, CBC, T4, Urinalysis, FeLV, FIV, Heartworm Antibody, and KeyScreen® A complete minimum database (chemistry, complete blood count, urinalysis), total T4, FeLV antigen detection, FIV and heartworm antibody detection, KeyScreen® for intestinal parasite detection (see T991), and SDMA for glomerular filtration rate estimation (see T1035). Interferences: marked hemolysis or lipemia may result in false positive results on the FeLV Antigen ELISA.	**1.25 mL serum, 1.0 mL EDTA whole blood, 6.0 mL urine, 0.3 grams feces** Serum in red top or serum separator tube, lavender top, Antech provided fecal container	**1-3 days**
KS621	**Adult Chem with SDMA, CBC, T4, UA, FIV, FeLV, KeyScreen®** Wellness Chemistry with SDMA, CBC, T4, Urinalysis, FeLV, FIV, and KeyScreen® A complete minimum database (chemistry, complete blood count, urinalysis), total T4, FeLV antigen detection, FIV antibody detection, KeyScreen® for intestinal parasite detection (see T991), and SDMA for glomerular filtration rate estimation (see T1035). Interferences: marked hemolysis or lipemia may result in false positive results on the FeLV Antigen ELISA.	**1.0 mL serum, 1.0 mL EDTA whole blood, 6.0 mL urine, and 0.3 grams feces** Serum in red top or serum separator tube, lavender top, urine transport tube, Antech provided fecal container	**1-3 days**

CODE	TEST NAME | DESCRIPTION | COMPONENTS	SPECIMEN	TAT*
KS672	**Adult Chem with SDMA, CBC, T4, UA, KeyScreen®** Wellness Chemistry with SDMA, CBC, T4, Urinalysis, and KeyScreen® A complete minimum database (chemistry, complete blood count, urinalysis), total T4, KeyScreen® for intestinal parasite detection (see T991), and SDMA for glomerular filtration rate estimation (see T1035). Interferences: T4 evaluation can be affected in a hemolyzed or moderately lipemic sample. Lipemia can falsely decrease T4 results. Lipemia can falsely elevate TSH results.	**0.5 mL serum, 1.0 mL EDTA whole blood, 6.0 mL urine, 0.3 grams feces** Serum in red top or serum separator tube, lavender top, urine transport tube, Antech provided fecal container	**1-3 days**
AC607	**Adult Chem with SDMA, CBC, UA, Accuplex®** Wellness Chemistry with SDMA, CBC, Urinalysis, Accuplex® A complete minimum database (chemistry, complete blood count, urinalysis), Accuplex® for canine vector borne disease screening (AC100), and SDMA for glomerular filtration rate estimation (see T1035). Interferences: marked hemolysis and lipemia.	**1.0 mL serum, 1.0 mL EDTA whole blood, 6.0 mL urine** Serum in red top or serum separator tube, lavender top, urine transport tube	**1-2 days**
KA607	**Adult Chem with SDMA, CBC, UA, Accuplex®, KeyScreen®** Wellness Chemistry with SDMA, CBC, Urinalysis, Accuplex®, and KeyScreen® A complete minimum database (chemistry, complete blood count, urinalysis), Accuplex® for canine vector borne disease screening (AC100), KeyScreen® for intestinal parasite detection (see T991), and SDMA for glomerular filtration rate estimation (see T1035). Interferences: marked hemolysis and lipemia.	**1.0 mL serum, 1.0 mL EDTA whole blood, 6.0 mL urine, and 0.3 grams feces** Serum in red top or serum separator tube, lavender top, urine transport tube, Antech provided fecal container	**1-3 days**
KA672	**Adult Chem with SDMA, CBC, UA, Accuplex®, T4, KeyScreen®** Wellness Chemistry with SDMA, CBC, T4, Urinalysis, Accuplex®, and KeyScreen® A complete minimum database (chemistry, complete blood count, urinalysis), total T4, Accuplex® for canine vector-borne disease screening (see AC100), KeyScreen® for intestinal parasite detection (see T991), and SDMA for glomerular filtration rate estimation (see T1035). Interferences: T4 evaluation can be affected in a hemolyzed or moderately lipemic sample. Lipemia can falsely decrease T4 results. Lipemia can falsely elevate TSH results.	**1.0 mL serum, 1.0 mL EDTA whole blood, 6.0 mL urine, and 0.3 grams feces** Serum in red top or serum separator tube, lavender top, urine transport tube, Antech provided fecal container	**1-3 days**

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KS624	**Adult Chem with SDMA, CBC, UA, Feline Heartworm, FIV, FeLV, KeyScreen®** Wellness Chemistry with SDMA, CBC, Urinalysis, FeLV, FIV, Heartworm Antibody, and KeyScreen® A complete minimum database (chemistry, complete blood count, urinalysis), FeLV antigen detection, FIV and heartworm antibody detection, KeyScreen® for intestinal parasite detection (see T991), and SDMA for glomerular filtration rate estimation (see T1035). Interferences: marked hemolysis or lipemia may result in false positive results on the FeLV Antigen ELISA.	**1.25 mL serum, 1.0 mL EDTA whole blood, 6.0 mL urine, and 0.3 grams feces** Serum in red top or serum separator tube, lavender top, Antech provided fecal container	**1-3 days**
KS631	**Adult Chem with SDMA, CBC, UA, FIV, FeLV, KeyScreen®** Wellness Chemistry with SDMA, CBC, Urinalysis, FeLV, FIV, and KeyScreen® A complete minimum database (chemistry, complete blood count, urinalysis), FeLV antigen detection, FIV antibody detection, KeyScreen® for intestinal parasite detection (see T991), and SDMA for glomerular filtration rate estimation (see T1035). Interferences: marked hemolysis or lipemia may result in false positive results on the FeLV Antigen ELISA.	**1.0 mL serum, 1.0 mL EDTA whole blood, 6.0 mL urine, and 0.3 grams feces** Serum in red top or serum separator tube, lavender top, urine transport tube, Antech provided fecal container	**1-3 days**
KS625	**Adult Chem with SDMA, CBC, UA, Heartworm, KeyScreen®** Wellness Chemistry with SDMA, CBC, Urinalysis, Heartworm Antibody, and KeyScreen® A complete minimum database (chemistry, complete blood count, urinalysis), heartworm antigen detection, KeyScreen® for intestinal parasite detection (see T991), and SDMA for glomerular filtration rate estimation (see T1035). Interferences: marked hemolysis and lipemia.	**1.0 mL serum, 1.0 mL EDTA whole blood, 6.0 mL urine, and 0.3 grams feces** Serum in red top or serum separator tube, lavender top, urine transport tube, Antech provided fecal container	**1-3 days**
KS687	**Adult Chem with SDMA, CBC, UA, Heartworm, T4, KeyScreen®** Wellness Chemistry with SDMA, CBC, T4, Urinalysis, Heartworm Antibody, and KeyScreen® A complete minimum database (chemistry, complete blood count, urinalysis), total T4, heartworm antigen detection, KeyScreen® for intestinal parasite detection (see T991), and SDMA for glomerular filtration rate estimation (see T1035). KS625 to which T4 has been added. Interferences: T4 evaluation can be affected in a hemolyzed or moderately lipemic sample. Lipemia can falsely decrease T4 results. Lipemia can falsely elevate TSH results.	**1.0 mL serum, 1.0 mL EDTA whole blood, 6.0 mL urine, and 0.3 grams feces** Serum in red top or serum separator tube, lavender top, urine transport tube, Antech provided fecal container	**1-3 days**

CODE	TEST NAME | DESCRIPTION | COMPONENTS	SPECIMEN	TAT*
KS607	**Adult Chem with SDMA, CBC, UA, KeyScreen®** Wellness Chemistry with SDMA, CBC, Urinalysis, and KeyScreen® A complete minimum database (chemistry, complete blood count, urinalysis), KeyScreen® for intestinal parasite detection (see T991), and SDMA for glomerular filtration rate estimation (see T1035). Interferences: marked hemolysis and lipemia.	**0.5 mL serum, 1.0 mL EDTA whole blood, 6.0 mL urine, and 0.3 grams feces** Serum in red top or serum separator tube, lavender top, urine transport tube, Antech provided fecal container	**1-3 days**
AC652	**Adult Chem with SDMA, CBC, UA, UPC with Accuplex®** Wellness Chemistry with SDMA, CBC, Accuplex®, Urinalysis, Protein/Creatinine Ratio A complete minimum database (chemistry, complete blood count, urinalysis), Accuplex® for canine vector borne disease screening (AC100), SDMA for glomerular filtration rate estimation (see T1035), and a urine protein to creatinine ratio (T775). Interferences: marked hemolysis and lipemia.	**1.0 mL EDTA whole blood, 1.0 mL serum, and 6.5 mL urine** Serum in red top or serum separator tube, lavender top, urine transport tube	**1-2 days**
KS670	**Adult Chem with SDMA, T4, KeyScreen®** Wellness Chemistry with SDMA, CBC, T4, and KeyScreen® Wellness chemistry, complete blood count, total T4, KeyScreen® for intestinal parasite detection (see T991), and SDMA for glomerular filtration rate estimation (see T1035). Interferences: T4 evaluation can be affected in a hemolyzed or moderately lipemic sample. Lipemia can falsely decrease T4 results. Lipemia can falsely elevate TSH results.	**0.5 mL serum, 1.0 mL EDTA whole blood, and 0.3 grams feces** Serum in red top or serum separator tube, lavender top, Antech provided fecal container	**1-3 days**
AC664	**Adult Chem with SDMA, Vaccine Titers, Fecal Combo, Accuplex®** Wellness Chemistry with SDMA, CBC, Distemper Parvo Vaccinal Titer, O&P with Centrifugation, *Giardia*, Accuplex® Wellness chemistry, complete blood count (CBC), Accuplex® for canine vector borne disease screening (AC100), Distemper/Parvovirus vaccinal titer (T565), fecal analysis via zinc sulfate centrifugation/floatation and *Giardia* Ag ELISA for ova and parasite detection (T808), and SDMA for glomerular filtration rate estimation (see T1035). Interferences: marked hemolysis or lipemia may result in false positive results on the FeLV Antigen ELISA.	**1.0 mL EDTA whole blood, 1.0 mL serum, and 6 grams feces** Serum in red top or serum separator tube, lavender top, Antech provided fecal container	**1-3 days**

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AC670	**Adult Wellness with SDMA, CBC, T4, Accuplex®** Wellness Chemistry with SDMA, CBC, Total T4, Accuplex® A comprehensive chemistry, complete blood count, total T4, SDMA for glomerular filtration rate estimation (see T1035), and Accuplex® for canine vector borne disease screening (AC100). Interferences: T4 evaluation can be affected in a hemolyzed or moderately lipemic sample. Lipemia can falsely decrease T4 results. Lipemia can falsely elevate TSH results.	**1.0 mL serum and 1.0 mL EDTA whole blood** Serum in red top or serum separator tube, lavender top	**1-2 days**
AC608	**Adult Wellness with SDMA, T4, UA, O&P, *Giardia*, Accuplex®** Wellness Chemistry with SDMA, CBC, T4, Urinalysis, O&P with Centrifugation, *Giardia*, Accuplex® A comprehensive minimum database (wellness chemistry, complete blood count, urinalysis), total T4, Accuplex® for canine vector borne disease screening (AC100), SDMA for glomerular filtration rate estimation (see T1035), and fecal analysis via zinc sulfate centrifugation/flotation and *Giardia* Ag ELISA for ova and parasite detection (T808). Interferences: T4 evaluation can be affected in a hemolyzed or moderately lipemic sample. Lipemia can falsely decrease T4 results. Lipemia can falsely elevate TSH results.	**1.0 mL serum, 1.0 mL EDTA whole blood, 6.0 mL urine, and 6 grams of feces** Serum in red top or serum separator tube, lavender top, urine transport tube, Antech provided fecal container	**1-2 days**
AC710	**Basic Wellness Screen with SDMA, Accuplex®** Superchem with SDMA, CBC, Total T4, Urinalysis, Accuplex® The most comprehensive chemistry, CBC, Total T4, urinalysis, and Accuplex®. SDMA for glomerular filtration rate estimation (see T1035). Interferences: gross hemolysis and lipemia. Lipemia can falsely decrease T4 results.	**1.0 mL serum, 1.0 mL EDTA whole blood, and 6.0 mL urine** Serum in red top or serum separator tube, lavender top, urine transport tube	**1-2 days**
AC651	**Canine Wellness with SDMA, UA, O&P, *Giardia*, Accuplex®** Wellness Chemistry with SDMA, CBC, Fecal O&P with Centrifugation, *Giardia*, Urinalysis, Accuplex® A complete minimum database (wellness chemistry, complete blood count, and urinalysis), Accuplex® for canine vector-borne disease screening (see AC100), SDMA for glomerular filtration rate estimation (see T1035), and fecal analysis via zinc sulfate centrifugation/flotation and *Giardia* Ag ELISA for ova and parasite detection (T808). Interferences: marked hemolysis and lipemia.	**1.0 mL serum, 1.0 mL EDTA whole blood, 6.0 mL urine, and 6 grams feces** Serum in red top or serum separator tube, lavender top, urine transport tube, Antech provided fecal container	**1-2 days**

CODE	TEST NAME | DESCRIPTION | COMPONENTS	SPECIMEN	TAT*
AC770	**Superchem with SDMA, CBC, T4, UA, O&P, *Giardia*, Accuplex®** Superchem with SDMA, CBC, Total T4, Urinalysis, Fecal O&P with Centrifugation, *Giardia*, Accuplex® The most comprehensive minimum database (superchemistry with SDMA (SA010), complete bloood count, and urinalysis), a total T4, Accuplex® for canine vector-borne disease screening (AC100), and fecal analysis via zinc sulfate centrifugation/flotation and *Giardia* Ag ELISA for ova and parasite detection (T808). Accuplex® can be reflexed for a nominal fee. Interferences: T4 evaluation can be affected in a hemolyzed or moderately lipemic sample. Lipemia can falsely decrease T4 results. Lipemia can falsely elevate TSH results.	**1.0 mL serum, 1.0 mL EDTA whole blood, 6.0 mL urine, and 6 grams feces** Serum in red top or serum separator tube, lavender top, urine transport tube, Antech provided fecal container	**1-2 days**
AC712	**Superchem with SDMA, CBC, T4, UA, UPC, Accuplex®** Superchem with SDMA, CBC, Total T4, Urinalysis, urine protein to creatinine ratio, Accuplex® The most comprehensive minimum database (superchemistry with SDMA (SA010), complete blood count and urinalysis), total T4, urine protein to creatinine ratio (T775), and Accuplex® for canine vector borne disease screening (AC100). Interferences: T4 evaluation can be affected in a hemolyzed or moderately lipemic sample. Lipemia can falsely decrease T4 results. Lipemia can falsely elevate TSH results.	**1.0 mL serum, 1.0 mL EDTA whole blood, and 6.0 mL urine** Serum in red top or serum separator tube, lavender top, urine transport tube	**1-2 days**
AC750	**Senior Profile 1 with SDMA, O&P, Accuplex®** Superchem with SDMA, CBC, Total T4, Urinalysis, Fecal O&P with Centrifugation, Accuplex® The most comprehensive minimum database (superchemistry with SDMA (SA010), complete blood count and urinalysis), a total T4, Accuplex® for canine vector-borne disease screening, and fecal analysis using zinc sulfate centrifugation/flotation for ova and parasite detection. Interferences: T4 evaluation can be affected in a hemolyzed or moderately lipemic sample. Lipemia can falsely decrease T4 results. Lipemia can falsely elevate TSH results.	**1.0 mL serum, 1.0 mL EDTA whole blood, 6.0 mL urine, and 5 grams feces** Serum in red top or serum separator tube, lavender top, urine transport tube, Antech provided fecal container	**1-2 days**
AC705	**Senior Profile 1 with SDMA, Accuplex®** Superchem with SDMA, CBC, Total T4, Urinalysis, Accuplex® The most comprehensive minimum database (superchemistry with SDMA (SA010), complete blood count and urinalysis), a total T4, and Accuplex® (canine vector-borne disease screening for heartworm, Lyme disease (includes screening for antibodies against two C6 peptides), *E. canis* and *A. phagocytophilum*)). Interferences: T4 evaluation can be affected in a hemolyzed or moderately lipemic sample. Lipemia can falsely decrease T4 results. Lipemia can falsely elevate TSH results.	**1.0 mL serum, 1.0 mL EDTA whole blood, and 6.0 mL urine** Serum in red top or serum separator tube, lavender top, urine transport tube	**1-2 days**

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CODE	TEST NAME | DESCRIPTION | COMPONENTS	SPECIMEN	TAT*
KA705	**Senior Profile 1 with SDMA, Accuplex®, KeyScreen®** Superchem with SDMA, CBC, T4, Urinalysis, Accuplex®, and KeyScreen® The most comprehensive minimum database (superchemistry with SDMA (SA010), complete blood count and urinalysis), a total T4, Accuplex® for canine vector-borne disease screening (see AC100), and KeyScreen® for intestinal parasite detection (see T991). Interferences: T4 evaluation can be affected in a hemolyzed or moderately lipemic sample. Lipemia can falsely decrease T4 results. Lipemia can falsely elevate TSH results.	**1.0 mL serum, 1.0 mL EDTA whole blood, 6.0 mL urine, and 0.3 grams feces** Serum in red top or serum separator tube, lavender top, urine transport tube, Antech provided fecal container	**1-3 days**
KS722	**Senior Profile 1 with SDMA, Feline Heartworm, KeyScreen®** Superchem with SDMA, CBC, Total T4, Urinalysis, Heartworm Antibody, KeyScreen® The most comprehensive minimum database (superchemistry with SDMA (SA010), complete blood count and urinalysis), a total T4, heartworm antibody detection, and KeyScreen® for intestinal parasite detection (see T991). Interferences: marked hemolysis and lipemia. Lipemia can falsely decrease T4 results.	**1.0 mL serum, 1.0 mL EDTA whole blood, 6.0 mL urine, and 0.3 grams feces** Serum in red top or serum separator tube, lavender top, urine transport tube, Antech provided fecal container	**1-3 days**
KS710	**Senior Profile 1 with SDMA, Heartworm, KeyScreen®** Superchem with SDMA, CBC, T4, Urinalysis, Heartworm Antigen, and KeyScreen® The most comprehensive minimum database (superchemistry with SDMA (SA010), complete blood count and urinalysis), total T4, heart worm antigen detection, and KeyScreen® for intestinal parasite detection (see T991). Interferences: T4 evaluation can be affected in a hemolyzed or moderately lipemic sample. Lipemia can falsely decrease T4 results. Lipemia can falsely elevate TSH results.	**1.0 mL serum, 1.0 mL EDTA whole blood, 6.0 mL urine, and 0.3 grams feces** Serum in red top or serum separator tube, lavender top, urine transport tube, Antech provided fecal container	**1-3 days**
KS705	**Senior Profile 1 with SDMA, KeyScreen®** Superchem with SDMA, CBC, T4, Urinalysis, and KeyScreen® The most comprehensive minimum database (superchemistry with SDMA (SA010), complete blood count and urinalysis), a total T4, and KeyScreen® for intestinal parasite detection (see T991). Interferences: T4 evaluation can be affected in a hemolyzed or moderately lipemic sample. Lipemia can falsely decrease T4 results. Lipemia can falsely elevate TSH results.	**0.5 mL serum, 1.0 mL EDTA whole blood, 6.0 mL urine, and 0.3 grams feces** Serum in red top or serum separator tube, lavender top, urine transport tube, Antech provided fecal container	**1-3 days**

CODE	TEST NAME | DESCRIPTION | COMPONENTS	SPECIMEN	TAT*
AC720	**Senior Profile 2 with SDMA, Accuplex®** Superchem with SDMA, CBC, Total T4, Urinalysis, Free T4 By Equilibrium Dialysis, and Accuplex® The most comprehensive minimum database (superchemistry with SDMA (SA010), complete blood count and urinalysis), a thyroid panel (T4 and FT4 ED), and Accuplex® (AC100) for canine vector borne disease screening. Interferences: T4 evaluation can be affected in a hemolyzed or moderately lipemic sample. Lipemia can falsely decrease T4 results. Lipemia can falsely elevate TSH results.	**1.5 mL serum, 1.0 mL EDTA whole blood, and 6.0 mL urine** Serum in red top or serum separator tube, lavender top, urine transport tube	**1-3 days**
KA720	**Senior Profile 2 with SDMA, Accuplex®, KeyScreen®** Superchem with SDMA, CBC, Total T4, Urinalysis, Free T4 by ED, Accuplex®, and KeyScreen® The most comprehensive minimum database (superchemistry with SDMA (SA010), complete blood count and urinalysis), a thyroid panel (T4 and FT4 ED), Accuplex® for canine vector-borne disease screening (see AC100), and KeyScreen® for intestinal parasite detection (see T991). Interferences: marked hemolysis and lipemia. Lipemia can falsely decrease T4 results.	**1.5 mL serum, 1.0 mL EDTA whole blood, 6.0 mL urine, and 0.3 grams feces** Serum in red top or serum separator tube, lavender top, urine transport tube, Antech provided fecal container	**1-3 days**
KS780	**Senior Profile 2 with SDMA, FeLV, FIV, KeyScreen®** Superchem with SDMA, CBC, Total T4, Urinalysis, Free T4 by ED, FeLV, FIV, and KeyScreen® The most comprehensive minimum database (superchemistry with SDMA (SA010), complete blood count and urinalysis), a thyroid panel (T4 and FT4 ED), FeLV antigen and FIV antibody detection, and KeyScreen® for intestinal parasite detection (see T991). Interferences: marked hemolysis or lipemia may result in false positive results on the FeLV Antigen ELISA.	**1.5 mL serum, 1.0 mL EDTA whole blood, 6.0 mL urine, and 0.3 grams feces** Serum in red top or serum separator tube, lavender top, urine transport tube, Antech provided fecal container	**1-3 days**
KS720	**Senior Profile 2 with SDMA, KeyScreen®** Superchem with SDMA, CBC, Total T4, Urinalysis, Free T4 by ED, and KeyScreen® The most comprehensive minimum database (superchemistry with SDMA (SA010), complete blood count and urinalysis), a thyroid panel (T4 and FT4 ED), and KeyScreen® for intestinal parasite detection (see T991). Interferences: marked hemolysis and lipemia. Lipemia can falsely decrease T4 results.	**1.0 mL serum, 1.0 mL EDTA whole blood, 6.0 mL urine, and 0.3 grams feces** Serum in red top or serum separator tube, lavender top, urine transport tube, Antech provided fecal container	**1-3 days**

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CODE	TEST NAME | DESCRIPTION | COMPONENTS	SPECIMEN	TAT*
AC775	**Senior Profile 2 with SDMA, O&P, *Giardia*, Accuplex®** Superchem with SDMA, CBC, T4, Urinalysis, Free T4 by ED, O&P with Centrifugation, *Giardia*, and Accuplex® The most comprehensive minimum database (superchemistry with SDMA (SA010), complete blood count and urinalysis), a thyroid panel (T4 and FT4 ED), Accuplex® (AC100) test for canine vector borne disease screening, and fecal analysis using zinc sulfate centrifugation/ flotation and *Giardia* Ag ELISA for ova and parasite detection. Interferences: T4 evaluation can be affected in a hemolyzed or moderately lipemic sample. Lipemia can falsely decrease T4 results. Lipemia can falsely elevate TSH results.	**1.5 mL serum, 1.0 mL EDTA whole blood, 6.0 mL urine, and 6 grams feces** Serum in red top or serum separator tube, lavender top, urine transport tube, Antech provided fecal container	**1-3 days**
AC727	**Senior Profile 1 with SDMA, Vaccine Titers, Fecal Combo, Accuplex®** Superchem with SDMA, CBC, T4, Urinalysis, Distemper Parvo Vaccinal Titer, O&P with Centrifugation, *Giardia*, Accuplex® The most comprehensive minimum database (superchemistry with SDMA (SA010), complete blood count and urinalysis), a total T4, Distemper/ Parvovirus vaccinal titer (T565), Accuplex® for canine vector-borne disease screening (see AC100) and fecal analysis using zinc sulfate centrifugation/ flotation and *Giardia* Ag ELISA (T808) for ova and parasite detection. Interferences: T4 evaluation can be affected in a hemolyzed or moderately lipemic sample. Lipemia can falsely decrease T4 results. Lipemia can falsely elevate TSH results.	**1.0 mL serum, 1.0 mL EDTA whole blood, 6.0 mL urine** Serum in red top or serum separator tube, lavender top, urine transport tube, Antech provided fecal container	**1-3 days**
KA114	**Superchem with SDMA, CBC, Accuplex®, T4, KeyScreen®** Superchem with SDMA, CBC, T4, Accuplex®, and KeyScreen® Most comprehensive chemistry profile (superchemistry with SDMA (SA010)), a complete blood count, total T4, and KeyScreen® for intestinal parasite detection (see T991). Interferences: T4 evaluation can be affected in a hemolyzed or moderately lipemic sample. Lipemia can falsely decrease T4 results. Lipemia can falsely elevate TSH results.	**1.0 mL serum, 1.0 mL EDTA whole blood, and 0.3 grams feces** Serum in red top or serum separator tube, lavender top, Antech provided fecal container	**1-3 days**
KA020	**Superchem with SDMA, CBC, Accuplex®, KeyScreen®** Superchem with SDMA, CBC, Accuplex®, and KeyScreen® Most comprehensive chemistry profile (superchemistry with SDMA (SA010)), a complete blood count, Accuplex® for canine vector-borne disease screening (see AC100), and KeyScreen® for intestinal parasite detection (see T991). Interferences: marked hemolysis and lipemia.	**1.0 mL serum, 1.0 mL EDTA whole blood, and 0.3 grams feces** Serum in red top or serum separator tube, lavender top, Antech provided fecal container	**1-3 days**

CODE	TEST NAME | DESCRIPTION | COMPONENTS	SPECIMEN	TAT*
KS737	**Superchem with SDMA, CBC, Feline Heartworm, FIV, FeLV, KeyScreen®** Superchem with SDMA, CBC, FeLV, FIV, Heartworm Antibody, and KeyScreen® Most comprehensive chemistry profile (superchemistry with SDMA (SA010)), a complete blood count, FeLV antigen detection, FIV and heartworm antibody detection, and KeyScreen® for intestinal parasite detection (see T991). Interferences: marked hemolysis or lipemia may result in false positive results on the FeLV Antigen ELISA.	**1.25 mL serum, 1.0 mL EDTA whole blood, and 0.3 grams feces** Serum in red top or serum separator tube, lavender top, Antech provided fecal container	**1-3 days**
KS490	**Superchem with SDMA, CBC, FIV, FeLV, KeyScreen®** Superchem with SDMA, CBC, FeLV, FIV, and KeyScreen® Most comprehensive chemistry profile (superchemistry with SDMA (SA010)), a complete blood count, FeLV antigen and FIV antibody detection, and KeyScreen® for intestinal parasite detection (see T991). Interferences: marked hemolysis or lipemia may result in false positive results on the FeLV Antigen ELISA.	**1.0 mL serum, 1.0 mL EDTA whole blood, and 0.3 grams feces** Serum in red top or serum separator tube, lavender top, Antech provided fecal container	**1-3 days**
KS028	**Superchem with SDMA, CBC, Heartworm, KeyScreen®** Superchem with SDMA, CBC, Heartworm Antigen, and KeyScreen® Most comprehensive chemistry profile (superchemistry with SDMA (SA010)), a complete blood count, heartworm antigen detection, and KeyScreen® for intestinal parasite detection (see T991). Interferences: marked hemolysis and lipemia.	**1.0 mL serum, 1.0 mL EDTA whole blood, and 0.3 grams feces** Serum in red top or serum separator tube, lavender top, Antech provided fecal container	**1-3 days**
KS110	**Superchem with SDMA, CBC, Heartworm, T4, KeyScreen®** Superchem with SDMA, CBC, T4, Heartworm Antigen, and KeyScreen® Most comprehensive chemistry profile (superchemistry with SDMA (SA010)), a complete blood count, total T4, heartworm antigen detection, and KeyScreen® for intestinal parasite detection (see T991). Interferences: T4 evaluation can be affected in a hemolyzed or moderately lipemic sample. Lipemia can falsely decrease T4 results. Lipemia can falsely elevate TSH results.	**1.0 mL serum, 1.0 mL EDTA whole blood, and 0.3 grams feces** Serum in red top or serum separator tube, lavender top, Antech provided fecal container	**1-3 days**
KS020	**Superchem with SDMA, CBC, KeyScreen®** Superchem with SDMA, CBC, and KeyScreen® Most comprehensive chemistry profile (superchemistry with SDMA (SA010)), a complete blood count, and KeyScreen® for intestinal parasite detection (see T991). Interferences: marked hemolysis and lipemia.	**0.5 mL serum, 1.0 mL EDTA whole blood, and 0.3 grams feces** Serum in red top or serum separator tube, lavender top, Antech provided fecal container	**1-3 days**

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CODE	TEST NAME | DESCRIPTION | COMPONENTS	SPECIMEN	TAT*
KS724	**Superchem with SDMA, CBC, T4, Feline Heartworm, FIV, FeLV, KeyScreen®** Superchem with SDMA, CBC, T4, FeLV, FIV, Heartworm Antibody (Feline) and KeyScreen® Most comprehensive chemistry profile (superchemistry with SDMA (SA010)), a complete blood count, total T4, FeLV antigen detection, FIV and heartworm antibody detection, and KeyScreen® for intestinal parasite detection (see T991). Interferences: marked hemolysis or lipemia may result in false positive results on the FeLV Antigen ELISA.	**1.25 mL serum, 1.0 mL EDTA whole blood, 6.0 mL urine, and 0.3 grams feces** Serum in red top or serum separator tube, lavender top, Antech provided fecal container	**1-3 days**
KS220	**Superchem with SDMA, CBC, T4, FIV, FeLV, KeyScreen®** Superchem with SDMA, CBC, T4, FeLV, FIV, and KeyScreen® Most comprehensive chemistry profile (superchemistry with SDMA (SA010)), a complete blood count, total T4, FeLV antigen and FIV antibody detection, and KeyScreen® for intestinal parasite detection (see T991). Interferences: marked hemolysis or lipemia may result in false positive results on the FeLV Antigen ELISA.	**1.0 mL serum, 1.0 mL EDTA whole blood, and 0.3 grams feces** Serum in red top or serum separator tube, lavender top, Antech provided fecal container	**1-3 days**
KS120	**Superchem with SDMA, CBC, T4, KeyScreen®** Superchem with SDMA, CBC, T4, and KeyScreen® Most comprehensive chemistry profile (superchemistry with SDMA (SA010)), a complete blood count, total T4, and KeyScreen® for intestinal parasite detection (see T991). Interferences: T4 evaluation can be affected in a hemolyzed or moderately lipemic sample. Lipemia can falsely decrease T4 results. Lipemia can falsely elevate TSH results.	**0.5 mL serum, 1.0 mL EDTA whole blood, and 0.3 grams feces** Serum in red top or serum separator tube, lavender top, Antech provided fecal container	**1-3 days**
KS715	**Superchem with SDMA, CBC, T4, UA, Feline Heartworm, FIV, FeLV, KeyScreen®** Superchem with SDMA, CBC, T4, Urinalysis, FeLV, FIV, Heartworm Antibody (Feline), and KeyScreen® The most comprehensive minimum database (superchemistry with SDMA (SA010), complete blood count and urinalysis), total T4, FeLV antigen detection, FIV and heartworm antibody detection, and KeyScreen® for intestinal parasite detection (see T991). Interferences: marked hemolysis or lipemia may result in false positive results on the FeLV Antigen ELISA.	**1.25 mL serum, 1.0 mL EDTA whole blood, 6.0 mL urine, and 0.3 grams feces** Serum in red top or serum separator tube, lavender top, Antech provided fecal container	**1-3 days**

CODE	TEST NAME | DESCRIPTION | COMPONENTS	SPECIMEN	TAT*
KS700	**Superchem with SDMA, CBC, T4, UA, FIV, FeLV, KeyScreen®** Superchem with SDMA, CBC, T4, Urinalysis, FeLV, FIV, and KeyScreen® The most comprehensive minimum database (superchemistry with SDMA (SA010), complete blood count and urinalysis), total T4, FeLV antigen and FIV antibody detection, and KeyScreen® for intestinal parasite detection (see T991). Interferences: marked hemolysis or lipemia may result in false positive results on the FeLV Antigen ELISA.	**1.0 mL serum, 1.0 mL EDTA whole blood, 6.0 mL urine, and 0.3 grams feces** Serum in red top or serum separator tube, lavender top, urine transport tube, Antech provided fecal container	**1-3 days**
KA021	**Superchem with SDMA, CBC, UA, Accuplex®, KeyScreen®** Superchem with SDMA, CBC, Urinalysis, Accuplex®, and KeyScreen® The most comprehensive minimum database (superchemistry with SDMA (SA010), complete blood count and urinalysis), Accuplex® for canine vector-borne disease screening (see AC100) and KeyScreen® for intestinal parasite detection (see T991). Interferences: marked hemolysis and lipemia.	**1.0 mL serum, 1.0 mL EDTA whole blood, 6.0 mL urine, and 0.3 grams feces** Serum in red top or serum separator tube, lavender top, urine transport tube, Antech provided fecal container	**1-3 days**
KS494	**Superchem with SDMA, CBC, UA, Feline Heartworm, FIV, FeLV, KeyScreen®** Superchem with SDMA, CBC, Urinalysis, FeLV, FIV, Heartworm Antibody, and KeyScreen® The most comprehensive minimum database (superchemistry with SDMA (SA010), complete blood count and urinalysis), FeLV antigen detection, FIV and heartworm antibody detection, and KeyScreen® for intestinal parasite detection (see T991). Interferences: marked hemolysis or lipemia may result in false positive results on the FeLV Antigen ELISA.	**1.25 mL serum, 1.0 mL EDTA whole blood, 6.0 mL urine, and 0.3 grams feces** Serum in red top or serum separator tube, lavender top, Antech provided fecal container	**1-3 days**
KS702	**Superchem with SDMA, CBC, UA, FIV, FeLV, KeyScreen®** Superchem with SDMA, CBC, Urinalysis, FeLV, FIV, and KeyScreen® The most comprehensive minimum database (superchemistry with SDMA (SA010), complete blood count and urinalysis), FeLV antigen and FIV antibody detection, and KeyScreen® for intestinal parasite detection (see T991). Interferences: marked hemolysis or lipemia may result in false positive results on the FeLV Antigen ELISA.	**1.0 mL serum, 1.0 mL EDTA whole blood, 6.0 mL urine, and 0.3 grams feces** Serum in red top or serum separator tube, lavender top, urine transport tube, Antech provided fecal container	**1-3 days**

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CODE	TEST NAME | DESCRIPTION | COMPONENTS	SPECIMEN	TAT*
KS112	**Superchem with SDMA, CBC, UA, Heartworm, KeyScreen®** Superchem with SDMA, CBC, Urinalysis, Heartworm Antigen, and KeyScreen® The most comprehensive minimum database (superchemistry with SDMA (SA010), complete blood count and urinalysis), heartworm antigen detection, and KeyScreen® for intestinal parasite detection (see T991). Interferences: marked hemolysis and lipemia.	**1.0 mL serum, 1.0 mL EDTA whole blood, 6.0 mL urine, and 0.3 grams feces** Serum in red top or serum separator tube, lavender top, urine transport tube, Antech provided fecal container	**1-3 days**
KS021	**Superchem with SDMA, CBC, UA, KeyScreen®** Superchem with SDMA, CBC, Urinalysis, and KeyScreen® The most comprehensive minimum database (superchemistry with SDMA (SA010), complete blood count and urinalysis) and KeyScreen® for intestinal parasite detection (see T991). Interferences: marked hemolysis and lipemia.	**0.5 mL serum, 1.0 mL EDTA whole blood, 6.0 mL urine, and 0.3 grams feces** Serum in red top or serum separator tube, lavender top, urine transport tube, Antech provided fecal container	**1-3 days**
AC114	**Total Body Function with SDMA, O&P, Accuplex®** Superchem with SDMA, CBC, Total T4, Fecal O&P with Centrifugation, and Accuplex® The most comprehensive chemistry panel with SDMA (SA010), a complete blood count, total T4, Accuplex® for canine vector borne disease screening (AC100) and fecal analysis using zinc sulfate centrifugation/flotation (T805) for ova and parasite detection. Interferences: T4 evaluation can be affected in a hemolyzed or moderately lipemic sample. Lipemia can falsely decrease T4 results. Lipemia can falsely elevate TSH results.	**1.0 mL serum, 1.0 mL EDTA whole blood, and 5.0 grams feces** Serum in red top or serum separator tube, lavender top, Antech provided fecal container	**1-2 days**
AC123	**Total Body Function with SDMA, O&P, *Giardia*, Accuplex®** Superchem with SDMA, CBC, Total T4, Fecal O&P with Centrifugation and *Giardia*, and Accuplex® The most comprehensive chemistry with SDMA (SA010), a complete blood count, total T4, Accuplex® for canine vector borne disease screening (AC100) and fecal analysis using zinc sulfate centrifugation/flotation and *Giardia* Ag ELISA (T808) for ova and parasite detection. Interferences: T4 evaluation can be affected in a hemolyzed or moderately lipemic sample. Lipemia can falsely decrease T4 results. Lipemia can falsely elevate TSH results.	**1.0 mL serum, 1.0 mL EDTA whole blood, and 6.0 grams feces** Serum in red top or serum separator tube, lavender top, Antech provided fecal container	**1-2 days**

CODE	TEST NAME | DESCRIPTION | COMPONENTS	SPECIMEN	TAT*
KS260	**FeLV, FIV, KeyScreen®** FeLV, FIV, and KeyScreen® FeLV antigen detection, FIV antibody detection, and KeyScreen® for intestinal parasite detection (see T991). Interferences: marked hemolysis or lipemia may result in false positive results on the FeLV Antigen ELISA.	**0.5 mL serum and 0.3 grams feces** Serum in red top or serum separator tube, Antech provided fecal container	**1-3 days**
KT615	**Heartworm, KeyScreen®** Heartworm Antigen and KeyScreen® Heartworm antigen detection and KeyScreen® for intestinal parasite detection (see T991). Interferences: marked hemolysis and lipemia.	**0.5 mL serum and 0.3 grams feces** Serum in red top or serum separator tube, Antech provided fecal container	**1-3 days**
AC805	**O&P with Accuplex®** Fecal O&P with Centrifugation, Accuplex® Fecal analysis via zinc sulfate centrifugation/flotation for ova and parasite detection and an Accuplex® test for canine vector borne disease screening (AC100).	**0.5 mL serum and 5 grams feces** Serum in red top or serum separator tube, Antech provided fecal container	**1-2 days**
AC808	**O&P, *Giardia* with Accuplex®** Fecal O&P with Centrifugation, *Giardia*, Accuplex® Fecal analysis via zinc sulfate centrifugation/flotation and a *Giardia* Ag (ELISA) for ova and parasite detection and an Accuplex® for canine vector borne disease screening (AC100).	**0.5 mL serum and 6 grams feces** Serum in red top or serum spearator, Antech provided fecal container	**1-2 days**

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CBC CHEMISTRY PROFILES

CODE	TEST NAME | DESCRIPTION | COMPONENTS	SPECIMEN	TAT*
KS630	**Adult Chem with SDMA, CBC, Feline Heartworm, UA, KeyScreen®** Wellness Chemistry with SDMA, CBC, Heartworm Antibody, Urinalysis, and KeyScreen® A complete minimum database (wellness chemistry, complete blood count, urinalysis), heartworm antibody detection, KeyScreen® for intestinal parasite detection (see T991), and SDMA for glomerular filtration rate estimation (see T1035). Interferences: marked hemolysis and lipemia.	**1.0 mL serum, 1.0 mL EDTA whole blood, 6.0 mL urine, and 0.3 grams feces** Serum in red top or serum separator tube, lavender top, urine transport tube, Antech provided fecal container	**1-3 days**
SA675	**Adult Chemistry with SDMA, CBC, FeLV, FIV** Wellness Chemistry with SDMA, CBC, FeLV, and FIV Wellness chemistry, complete blood count, FeLV antigen and FIV antibody detection, and SDMA for glomerular filtration rate estimation (see T1035). Interferences: marked hemolysis and lipemia.	**1.0 mL serum and 1.0 mL EDTA whole blood** Serum in red top or serum separator tube, lavender top	**1-2 days**
SA622	**Adult Feline Wellness with SDMA, FeLV, FIV** Wellness Chemistry with SDMA, CBC, Feline Heartworm Antibody, FeLV, FIV A comprehensive chemistry panel, a complete blood count, FeLV antigen, FIV and heartworm antibody detection, and SDMA for glomerular filtration rate estimation (see T1035). Interferences: marked hemolysis or lipemia may result in false positive results on the FeLV Antigen ELISA.	**1.0 mL serum and 1.0 mL EDTA whole blood** Serum in red top or serum separator tube, lavender top	**1-2 days**
SA686	**Adult Wellness Panel with SDMA, Heartworm, O&P, UA** Wellness Chemistry with SDMA, CBC, Heartworm Antigen, Fecal O&P with Centrifugation, Urinalysis A comprehensive minimum database (comprehensive chemistry, complete blood count, and urinalysis), heartworm antigen detection, SDMA for glomerular filtration rate estimation (see T1035), and fecal analysis via zinc sulfate centrifugation/flotation for ova and parasite detection (T805). Interferences: marked hemolysis and lipemia.	**1.0 mL serum, 1.0 mL EDTA whole blood, 6.0 mL urine, and 5 grams feces** Serum in red top or serum separator tube, lavender top, urine transport tube, Antech provided fecal container	**1-2 days**

CODE	TEST NAME | DESCRIPTION | COMPONENTS	SPECIMEN	TAT*
SA600	**Adult Wellness with SDMA** Adult Wellness Chemistry with SDMA, CBC A comprehensive chemistry panel, complete blood count, and SDMA for glomerular filtration rate estimation (see T1035). Interferences: marked hemolysis and lipemia.	**0.5 mL serum and 1.0 mL EDTA whole blood** Serum in red top or serum separator tube, lavender top	**24 hours** Performed each shift
SA620	**Adult Wellness with SDMA, *Ehrlichia*, Lyme** Wellness Chemistry with SDMA, CBC, *Ehrlichia canis*, Heartworm Antigen, Lyme Titer IgG A comprehensive chemistry panel, complete blood count, SDMA for glomerular filtration rate estimation (see T1035) and screening for vector borne disease (heartworm antigen detection, detection of antibodies (IFA methodology) suggesting exposure to *Ehrlichia canis* or *Borrelia burgdorferi* (natural or vaccinal)). Interferences: marked hemolysis and lipemia.	**1.25 mL serum and 1.0 mL EDTA whole blood** Serum in red top or serum separator tube, lavender top	**1-2 days**
SA684	**Adult Wellness with SDMA, FeLV, FIV, O&P, *Giardia*** Wellness Chemistry with SDMA, CBC, FeLV, FIV, O&P with Centrifugation, *Giardia* A comprehensive chemistry, complete blood count, FeLV antigen detection, FIV antibody detection, SDMA for glomerular filtration rate estimation (see T1035), and fecal analysis via zinc sulfate centrifugation/flotation and *Giardia* Ag ELISA for ova and parasite detection (T808). Interferences: marked hemolysis or lipemia may result in false positive results on the FeLV Antigen ELISA.	**1.0 mL serum, 1.0 mL EDTA whole blood, 6 grams feces** Serum in red top or serum separator tube, lavender top, Antech provided fecal container	**1-2 days**
SA651	**Adult Wellness with SDMA, Heartworm, UA, O&P, *Giardia*** Wellness Chemistry with SDMA, CBC, Heartworm Antigen, Fecal O&P with Centrifugation, *Giardia*, Urinalysis A comprehensive minimum database (wellness chemistry, complete blood count, urinalysis), heartworm antigen detection, SDMA for glomerular filtration rate estimation (see T1035), and fecal analysis via zinc sulfate centrifugation/flotation and *Giardia* Ag ELISA for ova and parasite detection (T808). Interferences: marked hemolysis and lipemia.	**1.0 mL serum, 1.0 mL EDTA whole blood, 6.0 mL urine, and 6 grams feces** Serum in red top or serum separator tube, lavender top, urine transport tube, Antech provided fecal container	**1-2 days**
SA615	**Adult Wellness with SDMA, O&P** Wellness Chemistry with SDMA, CBC, Fecal O&P with Centrifugation A comprehensive chemistry panel, complete blood count, SDMA for glomerular filtration rate estimation (see T1035), and fecal analysis via zinc sulfate centrifugation/flotation for ova and parasite detection (T805). Interferences: marked hemolysis and lipemia.	**0.5 mL serum, 1.0 mL EDTA whole blood, and 5 grams feces** Serum in red top or serum separator tube, lavender top, Antech provided fecal container	**1-2 days**

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CODE	TEST NAME | DESCRIPTION | COMPONENTS	SPECIMEN	TAT*
SA655	**Adult Wellness with SDMA, O&P, *Giardia*** Wellness Chemistry with SDMA, CBC, Fecal O&P with Centrifugation, *Giardia* A comprehensive chemistry, complete blood count, SDMA for glomerular filtration rate estimation (see T1035), and fecal analysis via zinc sulfate centrifugation/flotation and *Giardia* Ag ELISA for ova and parasite detection (T808). Interferences: marked hemolysis and lipemia.	**0.5 mL serum, 1.0 mL EDTA whole blood, 6 grams feces** Serum in red top or serum separator tube, lavender top, Antech provided fecal container	**1-2 days**
SA670	**Adult Wellness with SDMA, T4** Wellness Chemistry with SDMA, CBC, Total T4 A comprehensive chemistry, complete blood count, total T4, and SDMA for glomerular filtration rate estimation (see T1035). Interferences: T4 evaluation can be affected in a hemolyzed or moderately lipemic sample. Lipemia can falsely decrease T4 results. Lipemia can falsely elevate TSH results.	**1.0 mL serum and 1.0 mL EDTA whole blood** Serum in red top or serum separator tube, lavender top	**24 hours** Performed each shift
SA674	**Adult Wellness with SDMA, T4, O&P** Wellness Chemistry with SDMA, CBC, T4, O&P with Centrifugation A comprehensive chemistry, complete blood count, total T4, SDMA for glomerular filtration rate estimation (see T1035), and fecal analysis via zinc sulfate centrifugation/flotation and *Giardia* ELISA for ova and parasite detection (T808). Interferences: T4 evaluation can be affected in a hemolyzed or moderately lipemic sample. Lipemia can falsely decrease T4 results. Lipemia can falsely elevate TSH results.	**1.0 mL serum, 1.0 mL EDTA whole blood, and 5 grams feces** Serum in red top or serum separator tube, lavender top, Antech provided fecal container	**1-2 days**
SA676	**Adult Wellness with SDMA, T4, O&P, UA** Wellness Chemistry with SDMA, CBC, T4, O&P with Centrifugation, Urinalysis A comprehensive minimum database (wellness chemistry, complete blood count and urinalysis), total T4, SDMA for glomerular filtration rate estimation (see T1035), and fecal analysis via zinc sulfate centrifugation/flotation and *Giardia* ELISA for ova and parasite detection (T808). Interferences: T4 evaluation can be affected in a hemolyzed or moderately lipemic sample. Lipemia can falsely decrease T4 results. Lipemia can falsely elevate TSH results.	**1.0 mL serum, 1.0 mL EDTA whole blood, 6.0 mL urine, and 5 grams feces** Serum in red top or serum separator tube, lavender top, urine transport tube, Antech provided fecal container	**1-2 days**
SA672	**Adult Wellness with SDMA, T4, UA** Wellness Chemistry with SDMA, CBC, Total T4, Urinalysis A comprehensive minimum database (wellness chemistry, complete blood count, urinalysis), total T4, and SDMA for glomerular filtration rate estimation (see T1035). Interferences: T4 evaluation can be affected in a hemolyzed or moderately lipemic sample. Lipemia can falsely decrease T4 results. Lipemia can falsely elevate TSH results.	**1.0 mL serum, 1.0 mL EDTA whole blood, and 6.0 mL urine** Serum in red top or serum separator tube, lavender top, urine transport tube	**24 hours** Performed each shift

CODE	TEST NAME | DESCRIPTION | COMPONENTS	SPECIMEN	TAT*
SA649	**Adult Wellness with SDMA, UA, Fecal Combo** Wellness Chemistry with SDMA, CBC, O&P with Centrifugation, *Giardia*, Urinalysis A comprehensive minimum database (wellness chemistry, complete blood count, urinalysis), SDMA for glomerular filtration rate estimation (see T1035), and fecal analysis via zinc sulfate centrifugation/flotation and *Giardia* Ag ELISA for ova and parasite detection (T808). Interferences: marked hemolysis and lipemia.	**1.0 mL serum, 1.0 mL EDTA whole blood, 6.0 mL urine, and 6 grams feces** Serum in red top or serum separator tube, lavender top, urine transport tube, Antech provided fecal container	**1-2 days**
SA607	**Adult Wellness with SDMA, Urinalysis** Wellness Chemistry with SDMA, CBC, Urinalysis A comprehensive minimum database (wellness chemistry, complete blood count, urinalysis) and SDMA for glomerular filtration rate estimation (see T1035). Interferences: marked hemolysis and lipemia.	**0.5 mL serum, 1.0 mL EDTA whole blood, and 6.0 mL urine** Serum in red top or serum separator tube, lavender top, urine transport tube	**24 hours** Performed each shift
SA205	**C1 with SDMA, FT4-ED** Superchem with SDMA, CBC, T4, T3, Free T4 by Equilibrium Dialysis, FeLV, FIV, Feline Coronavirus Titer, and Hemotrophic *Mycoplasma* The most comprehensive chemistry, a complete blood count, thyroid evaluation (T3, T4, FT4), SDMA for glomerular filtration rate estimation (see T1035), FeLV antigen detection, FIV antibody detection, Feline coronavirus antibody and slide evaluation for hemotropic *Mycoplasma*. Interferences: T4 evaluation can be affected in a hemolyzed or moderately lipemic sample. Lipemia can falsely decrease T4 results. Lipemia can falsely elevate TSH results.	**2.0 mL serum and 1.0 mL EDTA whole blood** Serum in red top or serum separator tube, lavender top	**1-3 days**
SA645	**Canine Adult Wellness Immune Profile with SDMA** Wellness Chemistry with SDMA, CBC, O&P with Centrifugation, Distemper/Parvo Vaccine Titer, Urinalysis A comprehensive minimum database (adult wellness chemistry, complete blood count and urinalysis), SDMA for glomerular filtration rate estimation (see T1035), fecal analysis via zinc sulfate centrifugation/flotation for ova and parasite detection (T805) and Distemper/ Parvovirus vaccine titer. Interferences: marked hemolysis and lipemia.	**1.0 mL serum, 1.0 mL EDTA whole blood, 6.0 mL urine, and 5 grams feces** Serum in red top or serum separator tube, lavender top, urine transport tube, Antech provided fecal container	**1-3 days**

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CODE	TEST NAME | DESCRIPTION | COMPONENTS	SPECIMEN	TAT*
SA625	**Canine Adult Wellness with SDMA, UA** Wellness Chemistry with SDMA, CBC, Heartworm Antigen, Urinalysis, A comprehensive minimum database (wellness chemistry, complete blood count, urinalysis), heartworm antigen detection, and SDMA for glomerular filtration rate estimation (see T1035). Interferences: marked hemolysis and lipemia.	**1.0 mL serum, 1.0 mL EDTA whole blood, and 6.0 mL urine** Serum in red top or serum separator tube, lavender top, urine transport tube, Antech provided fecal container	**1-2 days**
SA100	**Canine Comprehensive with SDMA** Superchem, CBC, Total T4, Free T4, T3, The most comprehensive chemistry, a complete blood count, thyroid evaluation (T3, T4, FT4), SDMA for glomerular filtration rate estimation (see T1035).	**1.0 mL serum and 1.0 mL EDTA whole blood** Serum in red top or serum separator tube, lavender top	**1-3 days**
SA710	**Canine Senior Profile with SDMA, Heartworm** Superchem with SDMA, CBC, Total T4, Urinalysis, Heartworm Antigen The most comprehensive minimum databsase (superchemistry, complete blood count, and urinalysis), total T4, heartworm antigen detection, and SDMA for glomerular filtration rate estimation (see T1035). Interferences: T4 evaluation can be affected in a hemolyzed or moderately lipemic sample. Lipemia can falsely decrease T4 results. Lipemia can falsely elevate TSH results.	**1.0 mL serum, 1.0 mL EDTA whole blood, and 6.0 mL urine** Serum in red top or serum separator tube, lavender top, urine transport tube	**1-2 days**
SA765	**Canine Senior with SDMA, Fecal Combo** Superchem with SDMA, CBC, Total T4, Urinalysis, Heartworm Antigen, Fecal O&P with Centrifugation, *Giardia* The most comprehensive minimum databsase (superchemistry, complete blood count, and urinalysis), total T4, heartworm antigen detection, SDMA for glomerular filtration rate estimation (see T1035), and fecal analysis via zinc sulfate centrifugation/flotation and *Giardia* Ag ELISA for ova and parasite detection (T808). Interferences: T4 evaluation can be affected in a hemolyzed or moderately lipemic sample. Lipemia can falsely decrease T4 results. Lipemia can falsely elevate TSH results.	**1.0 mL serum, 1.0 mL EDTA whole blood, 6.0 mL urine, and 6 grams feces** Serum in red top or serum separator tube, lavender top, urine transport tube, Antech provided fecal container	**1-2 days**
SA635	**Canine Wellness with SDMA, O&P** Wellness Chemistry with SDMA, CBC, Heartworm Antigen, Fecal O&P with Centrifugation A comprehensive chemistry, complete blood count, heartworm antigen detection, SDMA for glomerular filtration rate estimation (see T1035), and fecal analysis via zinc sulfate centrifugation/ flotation for ova and parasite detection (T805). Interferences: marked hemolysis and lipemia.	**1.0 mL serum, 1.0 mL EDTA whole blood, and 5 grams feces** Serum in red top or serum separator tube, lavender top, Antech provided fecal container	**1-2 days**

CODE	TEST NAME | DESCRIPTION | COMPONENTS	SPECIMEN	TAT*
SA220	**Cat Scan Plus with SDMA** Superchem with SDMA, CBC, Total T4, FeLV, and FIV The most comprehensive chemistry, complete blood count, total T4, FeLV antigen detection, FIV antibody detection and SDMA for glomerular filtration rate estimation (see T1035). Interferences: marked hemolysis or lipemia may result in false positive results on the FeLV Antigen ELISA.	**1.0 mL serum and 1.0 mL EDTA whole blood** Serum in red top or serum separator tube, lavender top	**1-2 days**
SA230	**Cat Scan with SDMA** Superchem with SDMA, CBC, T4, and FeLV The most comprehensive chemistry, complete blood count, total T4, FeLV antigen detection, and SDMA for glomerular filtration rate estimation (see T1035). Interferences: T4 evaluation can be affected in a hemolyzed or moderately lipemic sample. Lipemia can falsely decrease T4 results. Lipemia can falsely elevate TSH results.	**1.0 mL serum and 1.0 mL EDTA whole blood** Serum in red top or serum separator tube, lavender top	**1-2 days**
SA1348	**Cat Scan With SDMA, T4** Superchem with SDMA, CBC, T4, and FeLV A comprehensive chemistry (Vet Screen), complete blood count, total T4, FeLV antigen detection, and SDMA for glomerular filtration rate estimation (see T1035). Interferences: T4 evaluation can be affected in a hemolyzed or moderately lipemic sample. Lipemia can falsely decrease T4 results. Lipemia can falsely elevate TSH results.	**1.0 mL serum and 1.0 mL EDTA whole blood** Serum in red top or serum separator tube, lavender top	**1-2 days**
SA610	**Cat Wellness Profile with SDMA** Wellness Chemistry with SDMA, CBC, and Feline Heartworm Antibody A comprehensive chemistry panel, a complete blood count, heartworm antibody detection, and SDMA for glomerular filtration rate estimation (see T1035).	**1.0 mL serum and 1.0 mL EDTA whole blood** Serum in red top or serum separator tube, lavender top	**1-2 days**
SA132	**Cocci Profile with SDMA, T4** Superchem with SDMA, CBC, T4, and Coccidioidomycosis, Screen and Titer The most comprehensive chemistry, complete blood count, total T4, SDMA for glomerular filtration rate estimation (see T1035), and *Coccidioides* antibody assessment by AGID (T535). Interferences: lipemia. T4 evaluation can be affected in a hemolyzed or moderately lipemic sample. Lipemia can falsely decrease T4 results. Lipemia can falsely elevate TSH results.	**1.0 mL of serum and 1.0 mL of whole blood** Serum in red top or serum separator tube, lavender top	**1-5 days**

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CODE	TEST NAME | DESCRIPTION | COMPONENTS	SPECIMEN	TAT*
SA105	**D1 with SDMA, FT4-ED** Superchem with SDMA, CBC, T3, Total T4, Free T4 by ED The most comprehensive chemistry panel, a complete blood count, a thyroid panel (T4, T3, FT4 ED), and SDMA for glomerular filtration rate estimation (see T1035). Interferences: T4 evaluation can be affected in a hemolyzed or moderately lipemic sample. Lipemia can falsely decrease T4 results. Lipemia can falsely elevate TSH results.	**1.5 mL serum and 1.0 mL EDTA whole blood** Serum in red top or serum separator tube, lavender top	**1-3 days**
SA504	**Desert Disease Panel with SDMA, T4** Superchem with SDMA, CBC, T4, Coccidioidomycosis, Screen and Titer, and *Ehrlichia canis* The most comprehensive chemistry, a complete blood count, total T4, SDMA for glomerular filtration rate estimation (see T1035), and screening for exposure to *Ehrlichia canis* (IFA) and Coccidioidomycosis (IgM and IgG). Interferences: T4 evaluation can be affected in a hemolyzed or moderately lipemic sample. Lipemia can falsely decrease T4 results. Lipemia can falsely elevate TSH results.	**1.0 mL serum and 1.0 mL EDTA whole blood** Serum in red top or serum separator tube, lavender top	**1-5 days**
SA800	**Diabetes Monitoring Panel with SDMA** CBC, Urinalysis, Fructosamine Assay, Chemistry panel: Total Protein, ALT (SGPT), Alk Phos, Total Bilirubin, BUN, Creatinine, Glucose, PSL, and SDMA A minimum database (chemistry (ZW85710), complete blood count, urinalysis), SDMA for glomerular filtration rate estimation (see T1035), and fructosamine. Interferences: marked hemolysis and lipemia.	**0.5 mL serum, 1.0 mL EDTA whole blood, and 6.0 mL urine** Serum in red top or serum separator tube, lavender top, urine transport tube	**24 hours**
SA605	**Dog Wellness Profile with SDMA** Wellness Chemistry with SDMA, CBC, Heartworm Antigen A comprehensive chemistry panel, a complete blood count, heartworm antigen detection, and SDMA for glomerular filtration rate estimation (see T1035). Interferences: marked hemolysis and lipemia.	**1.0 mL serum and 1.0 mL EDTA whole blood** Serum in red top or serum separator tube, lavender top	**1-2 days**
SA650	**Dog Wellness Profile with SDMA, O&P, *Giardia*** Wellness Chemistry with SDMA, CBC, Heartworm Antigen, Fecal O&P with Centrifugation, *Giardia* A comprehensive chemistry, complete blood count, heartworm antigen detection, SDMA for glomerular filtration rate estimation (see T1035), and fecal analysis via zinc sulfate centrifugation/flotation and *Giardia* Ag ELISA for ova and parasite detection (T808). Interferences: marked hemolysis and lipemia.	**1.0 mL serum, 1.0 mL EDTA whole blood, and 6.0 grams of feces** Serum in red top or serum separator tube, lavender top, Antech provided fecal container	**1-2 days**

CODE	TEST NAME | DESCRIPTION | COMPONENTS	SPECIMEN	TAT*
SA685	**Dog Wellness with SDMA, T4** Wellness Chemistry with SDMA, CBC, Heartworm Antigen, Total T4 A comprehensive chemistry, complete blood count, total T4, heartworm antigen detection, and SDMA for glomerular filtration rate estimation (see T1035). Interferences: T4 evaluation can be affected in a hemolyzed or moderately lipemic sample. Lipemia can falsely decrease T4 results. Lipemia can falsely elevate TSH results.	**1.0 mL serum** **1.0 mL EDTA whole blood** Serum in red top or serum spearator, lavender top	**1-2 days**
SA640	**Feline Adult Wellness Immune Profile with SDMA** Superchem with SDMA, CBC, O&P with Centrifugation, Panleukopenia Vaccine Titer (Feline Only), Urinalysis A comprehensive minimum database (wellness chemistry, complete blood count, and urinalysis), SDMA for glomerular filtration rate estimation (see T1035), feline panleukopenia vaccinal titer, and fecal analysis via zinc sulfate centrifugation/flotation for ova and parasite detection (T805). Interferences: marked hemolysis and lipemia.	**1.0 mL serum,** **1.0 mL EDTA whole blood,** **6.0 mL urine, and** **5 grams feces** Serum in red top or serum separator tube, lavender top, urine transport tube, Antech provided fecal container	**1-5 days**
SA660	**Feline Adult Wellness with SDMA, Fecal Combo** Superchem with SDMA, CBC, Feline Heartworm Antibody, O&P with Centrifugation, *Giardia* A comprehensive chemistry, complete blood count, heartworm antibody detection, SDMA for glomerular filtration rate estimation (see T1035) and fecal analysis via zinc sulfate centrifugation/flotation and *Giardia* Ag ELISA for ova and parasite detection (T808). Interferences: marked hemolysis and lipemia.	**1.0 mL serum,** **1.0 mL EDTA whole blood, and** **6 grams feces** Serum in red top or serum separator tube, lavender top, Antech provided fecal container	**1-2 days**
SA661	**Feline Adult Wellness with SDMA, O&P, *Giardia*, UA** Superchem with SDMA, CBC, Feline Heartworm Antibody, O&P with Centrifugation, *Giardia*, Urinalysis A comprehensive minimum database (wellness chemistry, complete blood count and urinalysis), heartworm antibody detection, SDMA for glomerular filtration rate estimation (see T1035) and fecal analysis via zinc sulfate centrifugation/flotation and *Giardia* Ag ELISA for ova and parasite detection (T808). Interferences: marked hemolysis and lipemia.	**1.0 mL serum,** **1.0 mL EDTA whole blood,** **6.0 mL urine, and** **5 grams feces** Serum in red top or serum separator tube, lavender top, urine transport tube, Antech provided fecal container	**1-2 days**

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SA696	**Feline Adult Wellness with SDMA, O&P, UA** Wellness Chemistry with SDMA, CBC, Heartworm Antibody, Fecal O&P with Centrifugation, and Urinalysis A comprehensive minimum database (wellness chemistry, complete blood count and urinalysis), heartworm antibody detection, SDMA for glomerular filtration rate estimation (see T1035) and fecal analysis via zinc sulfate centrifugation/flotation for ova and parasite detection (T805). Interferences: marked hemolysis and lipemia.	**1.0 mL serum, 1.0 mL EDTA whole blood, 6.0 mL urine, and 5 grams feces** Serum in red top or serum separator tube, lavender top, urine transport tube, Antech provided fecal container	**1-2 days**
SA629	**Feline Adult Wellness with SDMA, O&P, UA, FeLV, FIV** Wellness Chemistry with SDMA, CBC, Feline Heartworm Antibody, FeLV, FIV, Fecal O&P with Centrifugation, Urinalysis SA696 to which FeLV antigen and FIV antibody detection has been added. Interferences: marked hemolysis or lipemia may result in false positive results on the FeLV Antigen ELISA.	**2.0 mL serum, 1.0 mL EDTA whole blood, 6.0 mL urine, and 5 grams feces** Serum in red top or serum separator tube, lavender top, urine transport tube, Antech provided fecal container	**1-2 days**
SA630	**Feline Adult Wellness with SDMA, UA** Wellness Chemistry with SDMA, CBC, Feline Heartworm Antibody, Urinalysis A comprehensive minimum database (wellness chemistry, complete blood count, urinalysis), heartworm antibody detection, and SDMA for glomerular filtration rate estimation (see T1035). Interferences: marked hemolysis and lipemia.	**1.0 mL serum, 1.0 mL EDTA whole blood, and 6.0 mL urine** Serum in red top or serum separator tube, lavender top, urine transport tube	**1-2 days**
SA624	**Feline Adult Wellness with SDMA, UA, FeLV, FIV** Wellness Chemistry with SDMA, CBC, FeLV, FIV, Urinalysis, and Heartworm Antibody (Feline) SA630 to which FeLV antigen and FIV antibody detection has been added. Interferences: marked hemolysis and lipemia.	**1.0 mL serum, 1.0 mL EDTA whole blood, and 6.0 mL urine** Serum in red top or serum separator tube, lavender top, urine transport tube	**1-2 days**
SA718	**Feline Comprehensive Wellness with SDMA, O&P** Superchem with SDMA, CBC, Total T4, FIV Antibody, Urinalysis-Complete, FeLV Antigen ELISA, Heartworm Antibody, Feline, Fecal O&P The most comprehensive minimum database (superchemistry, complete blood count, urinalysis), a total T4, FeLV antigen detection, FIV and heartworm antibody detection, SDMA for glomerular filtration rate estimation (see T1035), and fecal analysis via zinc sulfate centrifugation/flotation for ova and parasite detection (T805). Interferences: marked hemolysis or lipemia may result in false positive results on the FeLV Antigen ELISA.	**1.0 mL serum, 1.0 mL EDTA whole blood, 6.0 mL urine, and 5 grams feces** Serum in red top or serum separator tube, lavender top, urine transport tube, Antech provided fecal container	**1-2 days**

CODE	TEST NAME | DESCRIPTION | COMPONENTS	SPECIMEN	TAT*
SA200	**Feline Comprehensive Plus with SDMA** Superchem, CBC, Total T4, Free T4, T3, FeLV, FIV, Feline Coronavirus Titer Most comprehensive chemistry panel, a complete blood count, thyroid evaluation (T3, T4, FT4), FeLV antigen detection, FIV antibody detection, SDMA for glomerular filtration rate estimation (see T1035), and feline coronavirus titer. Interferences: marked hemolysis or lipemia may result in false positive results on the FeLV Antigen ELISA.	**2.0 mL serum and 1.0 mL EDTA whole blood** Serum in red top or serum separator tube, lavender top	**1-3 days**
SA210	**Feline Comprehensive with SDMA** Superchem with SDMA, CBC, FeLV, FIV, FCV Titer, *Toxoplasma* Ab - IgG/IgM Most comprehensive chemistry panel, a complete blood count, FeLV antigen detection, FIV antibody detection, SDMA for glomerular filtration rate estimation (see T1035), feline coronavirus titer, and *Toxoplasma* titer (IgM and IgG). Interferences: marked hemolysis or lipemia may result in false positive results on the FeLV Antigen ELISA.	**1.0 mL serum, 1.0 mL EDTA whole blood, and 6.0 mL urine** Serum in red top or serum separator tube, lavender top, urine transport tube	**1-3 days**
SA682	**Feline EDP with SDMA, FeLV, FIV, O&P** Wellness Chemistry with SDMA, CBC, FeLV, FIV, O&P with Centrifugation A comprehensive chemistry, complete blood count, FeLV antigen and FIV antibody detection, SDMA for glomerular filtration rate estimation (see T1035), and fecal analysis via zinc sulfate centrifugation/flotation for ova and parasite detection (T805). Interferences: marked hemolysis or lipemia may result in false positive results on the FeLV Antigen ELISA.	**1.0 mL serum, 1.0 mL EDTA whole blood, and 5 grams feces** Serum in red top or serum separator tube, lavender top, Antech provided fecal container	**1-2 days**
SA908	**Feline Health Check with SDMA** Vet Screen with SDMA, CBC, FeLV, FCV, FIV, T4 A comprehensive chemistry, a complete blood count, total T4, FeLV antigen and FIV antibody detection, SDMA for glomerular filtration rate estimation (see T1035), and feline coronavirus titer. SA914 to which a T4 has been added. Interferences: marked hemolysis or lipemia may result in false positive results on the FeLV Antigen ELISA.	**1.0 mL serum and 1.0 mL EDTA whole blood** Serum in red top or serum separator tube, lavender top	**1-3 days**
SA914	**Feline Health Profile with SDMA** Vet Screen with SDMA, CBC, FeLV, FCV, FIV A comprehensive chemistry, a complete blood count, FeLV antigen and FIV antibody detection, SDMA for glomerular filtration rate estimation (see T1035), and feline coronavirus titer. Interferences: marked hemolysis or lipemia may result in false positive results on the FeLV Antigen ELISA.	**1.0 mL serum and 1.0 mL EDTA whole blood** Serum in red top or serum separator tube, lavender top	**1-3 days**

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CODE	TEST NAME | DESCRIPTION | COMPONENTS	SPECIMEN	TAT*
SA460	**Feline Panel #101 with SDMA** Superchem with SDMA, CBC, FeLV, FIV, and FCV Titer The most comprehensive chemistry panel, a complete blood count, FeLV antigen and FIV antibody detection, SDMA for glomerular filtration rate estimation (see T1035), and feline coronavirus titer. Interferences: marked hemolysis or lipemia may result in false positive results on the FeLV Antigen ELISA.	**1.0 mL serum and 1.0 mL EDTA whole blood** Serum in red top or serum separator tube, lavender top	**1-3 days**
SA722	**Feline Senior Profile with SDMA** Superchem with SDMA, CBC, Total T4, Urinalysis, Feline Heartworm Antibody The most comprehensive minimum (superchemistry, complete blood count and urinalysis), total T4, heartworm antibody detection test and and SDMA for glomerular filtration rate estimation (see T1035). Interferences: T4 evaluation can be affected in a hemolyzed or moderately lipemic sample. Lipemia can falsely decrease T4 results. Lipemia can falsely elevate TSH results.	**1.0 mL serum, 1.0 mL EDTA whole blood, and 6.0 mL urine** Serum in red top or serum separator tube, lavender top, urine transport tube	**1-2 days**
SA782	**Feline Senior 2 with SDMA, Panleukopenia** Superchem with SDMA, CBC, T4, Urinalysis, Free T4 by ED, Panleukopenia Vaccinal Titer (Feline Only) The most comprehensive minimum database (superchemistry, complete blood count, and urinalysis), thyroid panel (T4, FT4 by ED), SDMA for glomerular filtration rate estimation (see T1035), and Panleukopenia vaccinal titer. Interferences: T4 evaluation can be affected in a hemolyzed or moderately lipemic sample. Lipemia can falsely decrease T4 results. Lipemia can falsely elevate TSH results.	**1.25 mL serum, 1.0 mL EDTA whole blood, and 6.0 mL urine** Serum in red top or serum separator tube, lavender top, urine transport tube	**1-5 days**
SA190	**Feline Total Health Check with SDMA** Superchem with SDMA, CBC, T4, FIV, FeLV, FCV, and *Toxoplasma* Ab - IgG/IgM Most comprehensive chemistry panel, a complete blood count, total T4, FeLV antigen and FIV antibody detection, SDMA for glomerular filtration rate estimation (see T1035), feline coronavirus and *Toxoplasma* titer (IgM and IgG). Interferences: T4 evaluation can be affected in a hemolyzed or moderately lipemic sample. Lipemia can falsely decrease T4 results. Lipemia can falsely elevate TSH results.	**1.5 mL serum and 1.0 mL EDTA whole blood** Serum in red top or serum separator tube, lavender top	**1-3 days**

CODE	TEST NAME | DESCRIPTION | COMPONENTS	SPECIMEN	TAT*
SA786	**Feline Total Health Check with SDMA, UA** Superchem with SDMA, CBC, T4, Urinalysis, FeLV, FIV, FCV, *Toxoplasma* Ab - IgG/IgM The most comprehensive minimum database (superchemistry, complete blood count, and urinalysis), total T4, FeLV antigen and FIV antibody detection, SDMA for glomerular filtration rate estimation (see T1035), feline coronavirus and *Toxoplasma* titer (IgM and IgG). Interferences: T4 evaluation can be affected in a hemolyzed or moderately lipemic sample. Lipemia can falsely decrease T4 results. Lipemia can falsely elevate TSH results.	**1.5 mL serum, 1.0 mL EDTA whole blood, and 6.0 mL urine** Serum in red top or serum separator tube, lavender top, urine transport tube	**1-3 Days**
SA180	**Feline Total Health Plus with SDMA** Superchem with SDMA, CBC, T4, FIV, Feline Heartworm Antibody, FeLV, FCV, *Toxoplasma* Ab - IgG/IgM Most comprehensive chemistry panel, a complete blood count, total T4, FeLV antigen detection, FIV and heartworm antibody detection, SDMA for glomerular filtration rate estimation (see T1035), feline coronavirus and *Toxoplasma* titer (IgM and IgG). Interferences: T4 evaluation can be affected in a hemolyzed or moderately lipemic sample. Lipemia can falsely decrease T4 results. Lipemia can falsely elevate TSH results.	**1.5 mL serum and 1.0 mL EDTA whole blood** Serum in red top or serum separator tube, lavender top	**1-3 days**
SA700	**Feline Wellness 3 with SDMA** Superchem with SDMA, CBC, T4, Urinalysis, FeLV, FIV The most comprehensive minimum database (superchemistry, complete blood count, and urinalysis), total T4, FeLV antigen and FIV antibody detection, and SDMA for glomerular filtration rate estimation (see T1035). Interferences: marked hemolysis or lipemia may result in false positive results on the FeLV Antigen ELISA.	**1.0 mL serum, 1.0 mL EDTA whole blood, and 6.0 mL urine** Serum in red top or serum separator tube, lavender top, urine transport tube	**1-2 days**
SA902	**Feline Wellness 4 with SDMA** Vet Screen with SDMA, CBC, T4, FeLV, FIV, Feline Heartworm Antibody A comprehensive chemistry panel, a complete blood count, total T4, FeLV antigen detection, FIV and heartworm antibody detection, and SDMA for glomerular filtration rate estimation (see T1035). Interferences: marked hemolysis or lipemia may result in false positive results on the FeLV Antigen ELISA.	**1.0 mL serum and 1.0 mL EDTA whole blood** Serum in red top or serum separator tube, lavender top	**1-2 days**
SA683	**Feline Wellness with SDMA, FeLV, FIV, O&P** Wellness Chemistry with SDMA, CBC, Feline Heartworm Antibody, FeLV, FIV, O&P with Centrifugation A comprehensive chemistry panel, a complete blood count, FeLV antigen detection, FIV and heartworm antibody detection, SDMA for glomerular filtration rate estimation (see T1035), and fecal analysis via zinc sulfate centrifugation/flotation for ova and parasite detection (T805). Interferences: marked hemolysis or lipemia may result in false positive results on the FeLV Antigen ELISA.	**1.0 mL serum, 1.0 mL EDTA whole blood, and 5 grams feces** Serum in red top or serum separator tube, lavender top, Antech provided fecal container	**1-2 days**

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SA910	**Geriatric Feline with SDMA** Vet Screen with SDMA, CBC, FeLV, FIV, T4 A comprehensive chemistry, a complete blood count, total T4, FeLV antigen and FIV antibody detection, and SDMA for glomerular filtration rate estimation (see T1035). Interferences: marked hemolysis or lipemia may result in false positive results on the FeLV Antigen ELISA.	**1.0 mL serum and 1.0 mL EDTA whole blood** Serum in red top or serum separator tube, lavender top	**1-2 days**
SA924	**Geriatric Panel with SDMA, Feline** Vet Screen with SDMA, CBC, T4, FeLV, FIV, and Urinalysis A comprehensive minimum database (vetscreen, complete blood count, and urinalysis), a total T4, FeLV antigen and FIV antibody detection, and SDMA for glomerular filtration rate estimation (see T1035). Interferences: T4 evaluation can be affected in a hemolyzed or moderately lipemic sample. Lipemia can falsely decrease T4 results. Lipemia can falsely elevate TSH results.	**1.0 mL serum, 1.0 mL EDTA whole blood, and 6.0 mL urine** Serum in red top or serum separator tube, lavender top, urine transport tube	**1-2 days**
SA037	**Geriatric Profile with SDMA** Vet Screen with SDMA, CBC, Total T4, Urinalysis A comprehensive minimum database (vetscreen, complete blood count, and urinalysis), a total T4, and SDMA for glomerular filtration rate estimation (see T1035). Interferences: T4 evaluation can be affected in a hemolyzed or moderately lipemic sample. Lipemia can falsely decrease T4 results. Lipemia can falsely elevate TSH results.	**1.0 mL serum, 1.0 mL EDTA whole blood, and 6.0 mL urine** Serum in red top or serum separator tube, lavender top, urine transport tube	**24 hours** Performed each shift
SA1204	**GHP Chem with Lytes, SDMA, CBC** GHP Chem with Lytes (Total Protein, Albumin, Globulin, ALT (SGPT), Alk Phos, T Bilirubin, BUN, Creatinine, Phosphorus, Glucose, Calcium, Sodium, Potassium, Chloride, Cholesterol, Amylase) with SDMA, and CBC A chemistry panel containing electrolytes (without AST, CPK, GGT, triglyceride, PSL), complete blood count, and SDMA for glomerular filtration rate estimation (see T1035).	**0.5 mL serum and 1.0 mL EDTA whole blood** Serum in red top or serum separator tube, lavender top	**24 hours** Performed each shift
SA1212	**GHP Chem with Lytes, SDMA, CBC, T4** GHP Chemistry with Lytes and SDMA, CBC, and Total T4 A chemistry panel containing electrolytes (without AST, CPK, GGT, triglyceride, PSL), a complete blood count, total T4, and SDMA for glomerular filtration rate estimation (see T1035). Interferences: T4 evaluation can be affected in a hemolyzed or moderately lipemic sample. Lipemia can falsely decrease T4 results. Lipemia can falsely elevate TSH results.	**0.5 mL serum and 1.0 mL EDTA whole blood** Serum in red top or serum separator tube, lavender top	**24 hours** Performed each shift

CODE	TEST NAME | DESCRIPTION | COMPONENTS	SPECIMEN	TAT*
SA1214	**GHP Chem with Lytes, SDMA, CBC, T4, UA** GHP Chemistry with Lytes and SDMA, CBC, Total T4, Urinalysis A complete minimum database (SA1202 (chemistry panel with SDMA), complete blood count, and urinalysis),and total T4. Interferences: T4 evaluation can be affected in a hemolyzed or moderately lipemic sample. Lipemia can falsely decrease T4 results. Lipemia can falsely elevate TSH results.	**0.5 mL serum, 1.0 mL EDTA whole blood, and 6.0 mL urine** Serum in red top or serum separator tube, lavender top, urine transport tube	**24 hours** Performed each shift
SA1104	**GHP Chem with SDMA, CBC** GHP Chemistries with SDMA and CBC A chemistry profile (without electrolytes (sodium, potassium, chloride), AST, CPK, GGT, triglyceride, PSL), a complete blood count, and SDMA for glomerular filtration rate estimation (see T1035).	**0.5 mL serum and 1.0 mL EDTA whole blood** Serum in red top or serum separator tube, lavender top	**24 hours** Performed each shift
SA1108	**GHP Chem with SDMA, CBC, T4** GHP Chem (Total Protein, Albumin, Globulin, ALT (SGPT), Alk Phos, T Bilirubin, BUN, Creatinine, Phosphorus, Glucose, Calcium, Cholesterol, Amylase) with SDMA, CBC, and T4 A chemistry profile (without electrolytes (sodium, potassium chloride), AST, CPK, GGT, triglyceride, PSL), a complete blood count, total T4, and SDMA for glomerular filtration rate estimation (see T1035). Interferences: T4 evaluation can be affected in a hemolyzed or moderately lipemic sample. Lipemia can falsely decrease T4 results. Lipemia can falsely elevate TSH results.	**0.5 mL serum and 1.0 mL EDTA whole blood** Serum in red top or serum separator tube, lavender top	**24 hours** Performed each shift
SA1114	**GHP Chem with SDMA, CBC, T4, UA** GHP Chemistries with SDMA, CBC, T4, Urinalysis A minimum database (chemistry with SDMA (SA1102), complete blood count, and urinalysis), and total T4. Interferences: T4 evaluation can be affected in a hemolyzed or moderately lipemic sample. Lipemia can falsely decrease T4 results. Lipemia can falsely elevate TSH results.	**0.5 mL serum, 1.0 mL EDTA whole blood, and 6.0 mL urine** Serum in red top or serum separator tube, lavender top, urine transport tube	**24 hours** Performed each shift
SA1210	**GHP with Lytes, SDMA, CBC, UA** GHP Chemistries with Lytes and SDMA, CBC, Urinalysis A complete minimum database (SA1202 (chemistry panel with SDMA), complete blood count, and urinalysis).	**0.5 mL serum, 1.0 mL EDTA whole blood, and 6.0 mL urine** Serum in red top or serum separator tube, lavender top, urine transport tube	**24 hours** Performed each shift
SA235	**Hyperthyroid Feline with SDMA** Superchem with SDMA, CBC, Total T4, and Free T4 by ED Most comprehensive chemistry profile (superchemistry with SDMA (SA010)), a complete blood count, Total T4, and FT4 ED.	**1.25 mL serum and 1.0 mL EDTA whole blood** Serum in red top or serum separator tube, lavender top	**1-3 days**

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CODE	TEST NAME | DESCRIPTION | COMPONENTS	SPECIMEN	TAT*
SA805	**Hyperthyroid Panel (with GGT), SDMA** CBC, T4, Nsaid Chemistries with GGT AST (SGOT), ALT (SGPT), Alk Phos, BUN, Creatinine GGT A useful panel to evaluate the response to methimazole after a full minimum database has been run to make the initial diagnosis of hyperthyroidism. Includes an abbreviated chemistry (crea, BUN, AST, ALT, ALP and GGT), complete blood count, total T4, and SDMA. Interferences: T4 evaluation can be affected in a hemolyzed or moderately lipemic sample. Lipemia can falsely decrease T4 results. Lipemia can falsely elevate TSH results.	**1.0 mL serum and 1.0 mL EDTA whole blood** Serum in red top or serum separator tube, lavender top	**24 hours** Performed each shift
SA805G	**Hyperthyroid Panel with Glucose, SDMA** NSAID Chemistries with Glucose, CBC, and T4 A useful panel to evaluate the response to methimazole after a full minimum database has been run to make the initial diagnosis of hyperthyroidism. Includes an abbreviated chemistry, complete blood count, total T4, and SDMA. Interferences: T4 evaluation can be affected in a hemolyzed or moderately lipemic sample. Lipemia can falsely decrease T4 results. Lipemia can falsely elevate TSH results.	**1.0 mL serum and 1.0 mL EDTA whole blood** Serum in red top or serum separator tube, lavender top	**24 hours** Performed each shift
SA440	**Hyperthyroid Panel with SDMA** NSAID Chemistries AST (SGOT), ALT (SGPT), Alk Phos, BUN, Creatinine, CBC, T4 A useful panel to evaluate the response to methimazole after a full minimum database has been run to make the initial diagnosis of hyperthyroidism. Includes an abbreviated chemistry (crea, BUN, AST, ALT, ALP), complete blood count, total T4, and SDMA. Interferences: T4 evaluation can be affected in a hemolyzed or moderately lipemic sample. Lipemia can falsely decrease T4 results. Lipemia can falsely elevate TSH results.	**1.0 mL serum and 1.0 mL EDTA whole blood** Serum in red top or serum separator tube, lavender top	**24 hours** Performed each shift
SA328	**Liver Chem, CBC with Phenobarbital** Liver Chemistries, CBC, and Phenobarbital A liver chemistry panel (SA324), complete blood count and phenobarbital level.	**0.5 mL serum and 1.0 mL EDTA whole blood** Serum in red top tube, lavender top	**1-2 days**
SA327	**Liver Chemistry, CBC** A liver chemistry panel (SA326) to which a complete blood count has been added.	**0.5 mL serum and 1.0 mL EDTA whole blood** Serum in red top or serum separator tube, lavender top	**24 hours** Performed each shift

CODE	TEST NAME | DESCRIPTION | COMPONENTS	SPECIMEN	TAT*
SA1502	**Liver Profile** Chemsitry Panel 112 (Total Protein, Albumin, Globulin, A/G Ratio, AST (SGOT), ALT (SGPT), ALK, T. Bilirubin, BUN, Cholesterol) and CBC A comprehensive liver chemistry which includes AST, ALT, ALP and parameters to assess synthetic capacity/function (albumin, globulin, A/G ratio, BUN, cholesterol, glucose, and bilirubin) and a complete blood count.	**0.5 mL serum and 1.0 mL EDTA whole blood** Serum in red top or serum separator tube, lavender top	**24 hours** Performed each shift
SA320	**Liver Profile Standard** Liver Chemistry, Complete Blood Count, Bile Acids (Pre and Post) A comprehensive liver panel (SA324), complete blood count and pre/post bile acids (T220). Interferences: marked hemolysis or lipemia. Ursodiol administration may cause bile acids to be increased. Consider withholding ursodiol for five days prior to testing.	**0.5 mL serum for resting and post-prandial samples (fasted sample labeled Pre and 2-hour post sample labeled Post) and 1.0 mL EDTA whole blood** 2 serum in red top or serum separator tubes (pre and post), lavender top	**1-2 days**
SA1004	**Mini Early Detection Chem with SDMA, CBC** Mini Early Detection Chemistries (Total Protein, ALT (SGPT), ALK PHOS, BUN, Creatinine, Glucose) with SDMA and CBC A chemistry (TP, ALT, ALP, BUN, creatinine, and glucose), complete blood count and SDMA.	**0.5 mL serum and 1.0 mL EDTA whole blood** Serum in red top or serum separator tube, lavender top	**24 hours** Performed each shift
SA1010	**Mini Early Detection Chem with SDMA, CBC, O&P, Heartworm** Mini Early Detection Chemistries (Total Protein, ALT (SGPT), ALK PHOS, BUN, Creatinine, Glucose) with SDMA, CBC, Heartworm Antigen, and O&P with Centrifugation A chemistry (TP, ALT, ALP, BUN, creatinine, and glucose), complete blood count, heartworm antigen detection, SDMA, and fecal analysis via zinc sulfate centrifugation/flotation for ova and parasite detection.	**0.5 mL serum, 1.0 mL EDTA whole blood, and 5 grams feces** Serum in red top or serum separator tube, lavender top, Antech provided fecal container	**1-2 days**
SA070	**Miniscreen with CBC** Miniscreen 4 Chemistries, CBC Miniscreen chemistry (SA060) and a complete blood count.	**0.5 mL serum and 1.0 mL EDTA whole blood** Serum in red top or serum separator tube, lavender top	**24 hours** Performed each shift
SA072	**Miniscreen with SDMA, CBC** Miniscreen 11 Chemsitries (Total Protein, Albumin, Globulin, A/G Ratio, ALT (SGPT), Alkaline Phosphatase, T. Bilirubin, BUN, Creatinine, BUN/Creat Ratio, Glucose) and CBC A comprehensive chemistry with SDMA (SA071) and a complete blood count.	**0.5 mL serum and 1.0 mL EDTA whole blood** Serum in red top or serum separator tube, lavender top	**24 hours** Performed each shift

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SA1519	**Miniscreen with SDMA, T4** Miniscreen 4 Chemistries, CBC, and T4 A comprehensive chemistry with SDMA (D4C), complete blood count and total T4. Interferences: T4 evaluation can be affected in a hemolyzed or moderately lipemic sample. Lipemia can falsely decrease T4 results. Lipemia can falsely elevate TSH results.	**0.5 mL serum and 1.0 mL EDTA whole blood** Serum in red top or serum separator tube, lavender top	**24 hours** Performed each shift
SA810	**NSAID 1 with SDMA** Chemistry Panel (Total Protein, ALT (SGPT), Alkaline Phosphatase, Total Bilirubin, BUN, Creatinine) with SDMA, CBC, Urinalysis A minimum database (chemistry with SDMA (SA804), complete blood count and urinalysis) limited to renal and liver values used to monitor a patient on NSAID therapy. Interferences: marked hemolysis and lipemia.	**0.5 mL serum, 1.0 mL EDTA whole blood, and 6.0 mL urine** Serum in red top or serum separator tube, lavender top, urine transport tube	**24 hours** Performed each shift
SA815	**NSAID 2 with SDMA** Chemistry Panel (Total Protein, ALT (SGPT), Alkaline Phosphatase, Total Bilirubin, BUN, Creatinine) with SDMA, CBC, Urinalysis, Bile Acids A minimum database (chemistry with SDMA (SA804), complete blood count and urinalysis) and a single bile acids test. Interferences: marked hemolysis and lipemia. Ursodeoxycholic acid may be detected by bile acid assay causing falsely elevated values.	**0.5 mL serum, 1.0 mL EDTA whole blood, and 6.0 mL urine** Serum in red top or serum separator tube, lavender top, urine transport tube	**1-2 days**
SA820	**NSAID 3 with SDMA** Chemistry Panel (Total Protein, ALT (SGPT), Alkaline Phosphatase, Total Bilirubin, BUN, Creatinine) with SDMA, CBC, Urinalysis, Bile Acid: Creatinine Ratio A minimum database (chemistry with SDMA (SA804), complete blood count and urinalysis) and a urine transport tube bile acid: creatinine ratio (T227). Interferences: marked hemolysis and lipemia.	**0.5 mL serum, 1.0 mL EDTA whole blood, and 6.0 mL urine** Serum in red top or serum separator tube, lavender top, urine transport tube	**1-2 days**
SA054	**Pre-Op Panel Plus with Lytes, SDMA** Pre-Op Chemistries with Electrolytes and SDMA, CBC, PT, and aPTT A chemistry with electrolytes and SDMA (SA043), complete blood count, prothrombin time, and partial thromboplastin time. Interferences: marked hemolysis and lipemia.	**0.5 mL serum, 1.0 mL EDTA whole blood, and 0.5 mL of citrated plasma** Serum in red top or serum separator tube, lavender top, citrated plasma (blue top)	**24 hours** Performed each shift

CODE	TEST NAME | DESCRIPTION | COMPONENTS	SPECIMEN	TAT*
SA050	**Pre-Op Panel Plus with SDMA** Pre-Op Screen with SDMA, CBC, PT and aPTT A smaller chemistry profile with SDMA (SA040), a complete blood count, prothrombin time, and partial thromboplastin time. Interferences: marked hemolysis and lipemia. Ensure that the submission of a blue top tube that has been appropriately filled to the designated mark.	**0.5 mL serum, 1.0 mL EDTA whole blood, and 0.5 mL of citrated plasma** Serum in red top or serum separator tube, lavender top, citrated plasma (blue top)	**24 hours** Performed each shift
SA053	**Pre-Op Panel with Electrolytes, SDMA and Urinalysis** Pre-Op Chem with Electrolytes and SDMA, CBC, Urinalysis A minimum database that includes a smaller chemistry with SDMA (SA043), a complete blood count and urinalysis. Interferences: marked hemolysis and lipemia.	**0.5 mL serum, 1.0 mL EDTA whole blood, and 6.0 mL urine** Serum in red top or serum separator tube, lavender top, urine transport tube	**24 hours** Performed each shift
SA920	**Pre-Op Panel with SDMA, T4, UA** Pre-Op Screen with SDMA, CBC, T4, Urinalysis A minimum database (smaller chemistry profile with SDMA (SA040), a complete blood count, urinalysis) and total T4. Interferences: T4 evaluation can be affected in a hemolyzed or moderately lipemic sample. Lipemia can falsely decrease T4 results. Lipemia can falsely elevate TSH results.	**0.5 mL serum, 1.0 mL EDTA whole blood, and 6.0 mL urine** Serum in red top or serum separator tube, lavender top, urine transport tube	**24 hours** Performed each shift
SA512	**Pre-Op Plus with SDMA, CBC, Heartworm** Pre-Op Screen with SDMA, CBC, PT, PTT, Heartworm Antigen A smaller chemistry profile with SDMA (SA040), complete blood count, heartworm antigen detection, and prothrombin time and partial thromboplastin time. Interferences: marked hemolysis and lipemia.	**1.0 mL serum, 1.0 mL EDTA whole blood, and 0.5 mL of citrated plasma** Serum in red top or serum separator tube, lavender top, citrated plasma (blue top)	**1-2 days**
SA510	**Pre-Op Plus with SDMA, CBC, FeLV, FIV** Pre-Op Screen with SDMA, CBC, PT, PTT, FIV, FeLV A smaller chemistry profile with SDMA (SA040), complete blood count, FeLV antigen and FIV antibody detection, and prothrombin and partial thromboplastin time. Interferences: marked hemolysis or lipemia may result in false positive results on the FeLV Antigen ELISA.	**1.0 mL serum, 1.0 mL EDTA whole blood, and 0.5 mL citrated plasma** Serum in red top or serum separator tube, lavender top, citrated plasma (or blue top)	**1-2 days**

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SA508	**Pre-Op Screen with SDMA, CBC, T4** Pre-Op Screen with SDMA, CBC, and Total T4 A smaller chemistry profile with SDMA (SA040), a complete blood count, and total T4 (T495). Interferences: T4 evaluation can be affected in a hemolyzed or moderately lipemic sample. Lipemia can falsely decrease T4 results. Lipemia can falsely elevate TSH results.	**0.5 mL serum and 1.0 mL EDTA whole blood** Serum in red top or serum separator tube, lavender top	**24 hours** Performed each shift
SA514	**Pre-Op Screen with SDMA, CBC, T4, FeLV, FIV** Pre-Op Screen with SDMA, CBC, T4, FIV, and FeLV SA508 to which FeLV antigen and FIV antibody detection has been added. Interferences: marked hemolysis or lipemia may result in false positive results on the FeLV Antigen ELISA.	**1.0 mL serum and 1.0 mL EDTA whole blood** Serum in red top or serum separator tube, lavender top	**1-2 days**
SA052	**Pre-Op Screen with SDMA, CBC, UA** Pre-Op Screen with SDMA, CBC, and Urinalysis A minimum database including smaller chemistry profile with SDMA (SA040), a complete blood count, and urinalysis. Interferences: marked hemolysis and lipemia.	**0.5 mL serum, 1.0 mL EDTA whole blood and 6.0 mL urine** Serum in red top or serum separator tube, lavender top, urine transport tube	**24 hours** Performed each shift
SA516	**Pre-Op Screen with Electrolytes, SDMA, CBC** Pre-Op Chemistry with Electrolytes and SDMA, CBC A smaller chemistry profile which includes electrolytes and SDMA (SA043) and a complete blood count. Interferences: marked hemolysis and lipemia.	**0.5 mL serum and 1.0 mL EDTA whole blood** Serum in red top or serum separator tube, lavender top	**24 hours** Performed each shift
SA055	**Pre-Op Screen with SDMA, CBC** Pre-Op Screen with SDMA and CBC A smaller chemistry profile with SDMA (SA040) and a complete blood count. Interferences: marked hemolysis and lipemia.	**0.5 mL serum and 1.0 mL EDTA whole blood** Serum in red top or serum separator tube, lavender top	**24 hours** Performed each shift
RECHECK	**Recheck Profile Standard with SDMA** Superchem with SDMA and CBC This is a superchemistry with SDMA (SA010) and complete blood count submitted within 30 days of a previous accession to assess/monitor trends in values. Interferences: marked hemolysis and lipemia.	**0.5 mL serum and 1.0 mL EDTA whole blood** Serum in red top or serum separator tube, lavender top	**24 hours** Performed each shift

CODE	TEST NAME | DESCRIPTION | COMPONENTS	SPECIMEN	TAT*
RECHECK2	**Recheck Profile Vetscreen with SDMA, CBC** Vet Screen with SDMA and CBC This is a vet screen chemistry with SDMA (SA025) and complete blood count submitted within 30 days of a previous accession to assess/monitor trends in values. Interferences: marked hemolysis and lipemia.	**0.5 mL serum and 1.0 mL EDTA whole blood** Serum in red top or serum separator tube, lavender top	**24 hours** Performed each shift
SA313	**Renal Profile Standard with SDMA** Chemistry Renal Profile with SDMA and CBC A chemistry panel (total protein, albumin, globulin, BUN, creatinine, phosphorous, calcium, sodium, and potassium) with SDMA and a complete blood count. Interferences: marked hemolysis or lipemia.	**0.5 mL serum and 1.0 mL EDTA whole blood** Serum in red top or serum separator tube, lavender top	**24 hours** Performed each shift
SA310	**Renal Profile with SDMA** Chemistry Renal Profile with SDMA, CBC, and Urinalysis A minimum database including a chemistry profile with SDMA (T7008), complete blood count and urinalysis. Interferences: marked hemolysis or lipemia.	**0.5 mL serum, 1.0 mL EDTA whole blood and 6.0 mL urine** Serum in red top or serum separator tube, lavender top, urine transport tube	**24 hours** Performed each shift
SA724	**Superchem with SDMA, CBC, T4, FeLV, FIV, HeartwormAB** Superchem with SDMA, CBC, Total T4, FeLV, FIV, and Heartworm Antibody, Feline The most comprehensive chemistry with SDMA (SA010), a complete blood count, total T4, FeLV antigen, and FIV and heartworm antibody detection. Interferences: T4 evaluation can be affected in a hemolyzed or moderately lipemic sample. Lipemia can falsely decrease T4 results. Lipemia can falsely elevate TSH results.	**1.5 mL serum and 1.0 mL of EDTA whole blood** Serum in red top or serum separator tube, lavender top	**1-2 days**
SA098	**Superchem with SDMA, CBC, T4, FT4ED, Heartworm** Superchem with SDMA, CBC, Total T4, Free T4 by ED, and Heartworm Antigen The most comprehensive chemistry with SDMA (SA010), a complete blood count, a thyroid screening panel (T4, FT4 ED) and heartworm antigen detection. Interferences: T4 evaluation can be affected in a hemolyzed or moderately lipemic sample. Lipemia can falsely decrease T4 results. Lipemia can falsely elevate TSH results.	**1.5 mL serum and 1.0 mL of EDTA whole blood** Serum in red top or serum separator tube, lavender top	**1-3 days**

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SA712	**Senior Care Basic Plus Profile with SDMA** Superchem with SDMA, CBC, Total T4, Urinalysis, and Protein/Creatinine Ratio The most comprehensive minimum database (superchemistry with SDMA (SA010), complete blood count and urinalysis), a total T4, and urine protein to creatinine ratio (T775). Interferences: T4 evaluation can be affected in a hemolyzed or moderately lipemic sample. Lipemia can falsely decrease T4 results. Lipemia can falsely elevate TSH results.	**0.5 mL serum and 1.0 mL of EDTA whole blood** Serum in red top or serum separator tube, lavender top	**24 hours**
SA080	**Senior Comprehensive Plus with SDMA** Superchem with SDMA, CBC, Total T4, Free T4 by ED, and TSH The most comprehensive chemistry panel with SDMA (SA010), a complete blood count, and thryoid panel (T4, FT4 ED, and TSH). Interferences: T4 evaluation can be affected in a hemolyzed or moderately lipemic sample. Lipemia can falsely decrease T4 results. Lipemia can falsely elevate TSH results.	**1.5 mL serum and 1.0 mL EDTA whole blood** Serum in red top or serum separator tube, lavender top	**1-3 days**
SA090	**Senior Comprehensive with SDMA** Superchem with SDMA, CBC, Total T4, and Free T4 by ED The most comprehensive chemistry panel with SDMA (SA010), a complete blood count, and thyroid panel (T4 and FT4 ED). Interferences: T4 evaluation can be affected in a hemolyzed or moderately lipemic sample. Lipemia can falsely decrease T4 results. Lipemia can falsely elevate TSH results.	**1.0 mL serum and 1.0 mL EDTA whole blood** Serum in red top or serum separator tube, lavender top	**1-3 days**
SA086	**Senior Comprehensive with SDMA, D.Bilirubin, I.Bilirubin, Anion, Osmolality** Superchem with Direct & Indirect Bilirubin and SDMA, Anion gap, Osmolality, CBC, Total T4, and Free T4 by ED The most comprehensive chemistry with SDMA (SA010) to which indirect bilirubin, direct bilirubin, anion gap, serum osmolality has been added, a complete blood count, and thryoid panel (T4 and FT4 ED). Interferences: T4 evaluation can be affected in a hemolyzed or moderately lipemic sample. Lipemia can falsely decrease T4 results. Lipemia can falsely elevate TSH results.	**1.0 mL serum and 1.0 mL EDTA whole blood** Serum in red top or serum separator tube, lavender top	**1-3 days**
SA740	**Senior Feline Plus with SDMA** Superchem with SDMA, CBC, Total T4, FeLV, FIV Antibody, Urinalysis, and O&P with Centrifugation The most comprehensive minimum database (superchemistry with SDMA (SA010), complete blood count and urinalysis), a total T4, FeLV antigen and FIV antibody detection, and fecal analysis using zinc sulfate centrifugation/flotation for ova and parasite detection. Interferences: T4 evaluation can be affected in a hemolyzed or moderately lipemic sample. Lipemia can falsely decrease T4 results. Lipemia can falsely elevate TSH results.	**1.0 mL serum, 1.0 mL EDTA whole blood, 6.0 mL urine, and 5 grams feces** Serum in red top or serum separator tube, lavender top, urine transport tube, Antech provided fecal container	**1-2 days**

CODE	TEST NAME | DESCRIPTION | COMPONENTS	SPECIMEN	TAT*
SA755	**Senior Panel 2 with SDMA, O&P** Superchem with SDMA, CBC, T4, Urinalysis, Free T4 by ED, O&P with Centrifugation The most comprehensive minimum database (superchemistry with SDMA (SA010), complete blood count and urinalysis), thyroid panel (T4 and FT4 ED), and fecal analysis using zinc sulfate centrifugation/flotation for ova and parasite detection. Interferences: T4 evaluation can be affected in a hemolyzed or moderately lipemic sample. Lipemia can falsely decrease T4 results. Lipemia can falsely elevate TSH results.	**1.0 mL serum, 1.0 mL EDTA whole blood, 6.0 mL urine, and 5 grams feces** Serum in red top or serum separator tube, lavender top, urine transport tube, Antech provided fecal container	**1-3 days**
SA746	**Senior Panel 2 with SDMA, UMIC** Superchem with SDMA, CBC, T4, Urinalysis, Free T4 by ED, Culture The most comprehensive minimum database (superchemistry with SDMA (SA010), complete blood count and urinalysis), thyroid panel (T4 and FT4 ED), and urine culture. Interferences: T4 evaluation can be affected in a hemolyzed or moderately lipemic sample. Lipemia can falsely decrease T4 results. Lipemia can falsely elevate TSH results.	**1.0 mL serum, 1.0 mL EDTA whole blood, 7.0 mL urine, and 5 grams feces** Serum in red top or serum separator tube, lavender top, urine transport tube	**1-3 days**
SA760	**Senior Panel 2 with SDMA, Vaccine Titers** Superchem with SDMA, CBC, T4, Urinalysis, Free T4 by ED, Distemper/Parvo Vaccinal Titer The most comprehensive minimum database (superchemistry with SDMA (SA010), complete blood count and urinalysis), thyroid panel (T4 and FT4 ED), and Distemper/Parvovirus vaccine titer (T565). Interferences: T4 evaluation can be affected in a hemolyzed or moderately lipemic sample. Lipemia can falsely decrease T4 results. Lipemia can falsely elevate TSH results.	**1.5 mL serum, 1.0 mL EDTA whole blood, and 6.0 mL urine** Serum in red top or serum separator tube, lavender top, urine transport tube	**1-3 days**
SA954	**Senior Profile 1 with SDMA, Feline Heartworm Ab, FeLV, FIV, Fecal Combo** Superchem with SDMA, CBC, T4, Urinalysis, Heartworm Antibody, Feline, FeLV, FIV Antibody, O&P with Centrifugationand *Giardia* The most comprehensive minimum database (superchemistry with SDMA (SA010), complete blood count and urinalysis), a total T4, FeLV antigen detection, FIV and heartworm antibody detection, and fecal analysis using zinc sulfate centrifugation/flotation and *Giardia* Ag ELISA for ova and parasite detection. Interferences: T4 evaluation can be affected in a hemolyzed or moderately lipemic sample. Lipemia can falsely decrease T4 results. Lipemia can falsely elevate TSH results.	**1.5 mL serum, 1.0 mL EDTA whole blood, 6.0 mL urine, and 6 grams feces** Serum in red top or serum separator tube, lavender top, urine transport tube, Antech provided fecal container	**1-2 days**

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SA750	**Senior Profile 1 with SDMA, O&P** Superchem with SDMA, CBC, Total T4, Urinalysis, Fecal O&P with Centrifugation The most comprehensive minimum database (superchemistry with SDMA (SA010), complete blood count and urinalysis), a total T4, and fecal analysis using zinc sulfate centrifugation/flotation for ova and parasite detection. Interferences: T4 evaluation can be affected in a hemolyzed or moderately lipemic sample. Lipemia can falsely decrease T4 results. Lipemia can falsely elevate TSH results.	**0.5 mL serum, 1.0 mL EDTA whole blood, 6.0 mL urine, and 5 grams feces** Serum in red top or serum separator tube, lavender top, urine transport tube, Antech provided fecal container	**1-2 days**
SA741	**Senior Profile 1 with SDMA, Virals, Fecal Combo** Superchem with SDMA, CBC, T4, Urinalysis, FeLV, FIV Antibody, and O&P with Centrifugationand *Giardia* The most comprehensive minimum database (superchemistry with SDMA (SA010), complete blood count and urinalysis), a total T4, FeLV antigen and FIV antibody detection, and fecal analysis using zinc sulfate centrifugation/flotation and *Giardia* Ag ELISA for ova and parasite detection. Interferences: T4 evaluation can be affected in a hemolyzed or moderately lipemic sample. Lipemia can falsely decrease T4 results. Lipemia can falsely elevate TSH results.	**1.0 mL serum, 1.0 mL EDTA whole blood, 6.0 mL urine, and 6 grams feces** Serum in red top or serum separator tube, lavender top, urine transport tube, Antech provided fecal container	**1-2 days**
SA705	**Senior Profile 1 with SDMA** Superchem with SDMA, CBC, Total T4, Urinalysis The most comprehensive minimum database (superchemistry with SDMA (SA010), complete blood count and urinalysis) and a total T4. Interferences: T4 evaluation can be affected in a hemolyzed or moderately lipemic sample. Lipemia can falsely decrease T4 results. Lipemia can falsely elevate TSH results.	**0.5 mL serum, 1.0 mL EDTA whole blood, and 6.0 mL urine** Serum in red top or serum separator tube, lavender top, urine transport tube	**24 hours** Performed each shift
SA566	**Senior Profile 1 with SDMA, UMIC** Superchem with SDMA, CBC, Total T4, Urinalysis, Culture The most comprehensive minimum database (superchemistry with SDMA (SA010), complete blood count and urinalysis), a total T4, and urine culture is added. Interferences: T4 evaluation can be affected in a hemolyzed or moderately lipemic sample. Lipemia can falsely decrease T4 results. Lipemia can falsely elevate TSH results.	**1.0 mL serum, 1.0 mL EDTA whole blood, and 7.0 mL urine** Serum in red top or serum separator tube, lavender top, urine transport tube	**1-4 days**

CODE	TEST NAME | DESCRIPTION | COMPONENTS	SPECIMEN	TAT*
SA770	**Senior Profile 1 with SDMA, Fecal Combo** Superchem with SDMA, CBC, Total T4, Urinalysis, Fecal O&P with Centrifugation, *Giardia* The most comprehensive minimum database (superchemistry with SDMA (SA010), complete blood count and urinalysis), a total T4, and fecal analysis using zinc sulfate centrifugation/ flotation and *Giardia* Ag ELISA for ova and parasite detection. Interferences: T4 evaluation can be affected in a hemolyzed or moderately lipemic sample. Lipemia can falsely decrease T4 results. Lipemia can falsely elevate TSH results.	**0.5 mL serum, 1.0 mL EDTA whole blood, 6.0 mL urine, and 6 grams feces** Serum in red top or serum separator tube, lavender top, urine transport tube, Antech provided fecal container	**1-2 days**
SA719	**Senior Profile 1 with SDMA, Feline Heartworm Ag** Superchem with SDMA, CBC, T4, Urinalysis, Feline Heartworm Antigen The most comprehensive minimum database (superchemistry with SDMA (SA010), complete blood count and urinalysis), a total T4, and heartworm antigen detection. Interferences: T4 evaluation can be affected in a hemolyzed or moderately lipemic sample. Lipemia can falsely decrease T4 results. Lipemia can falsely elevate TSH results.	**1.0 mL serum, 1.0 mL EDTA whole blood, and 6.0 mL urine** Serum in red top or serum separator tube, lavender top, urine transport tube	**1-2 days**
SA735	**Senior Profile 1 with SDMA, FT4ED, Heartworm** Superchem with SDMA, CBC, T4, Urinalysis, Free T4 by ED, Heartworm Antigen The most comprehensive minimum database (superchemistry with SDMA (SA010), complete blood count and urinalysis), a thyroid panel (T4 and FT ED), and heartworm antigen detection. Interferences: T4 evaluation can be affected in a hemolyzed or moderately lipemic sample. Lipemia can falsely decrease T4 results. Lipemia can falsely elevate TSH results.	**1.5 mL serum, 1.0 mL EDTA whole blood, and 6.0 mL urine** Serum in red top or serum separator tube, lavender top, urine transport tube	**1-3 days**
SA720	**Senior Profile 2 with SDMA** Superchem with SDMA, CBC, Total T4, Urinalysis, and Free T4 by ED The most comprehensive minimum database (superchemistry with SDMA (SA010), complete blood count and urinalysis) and a thyroid panel (T4 and FT4 ED). Interferences: T4 evaluation can be affected in a hemolyzed or moderately lipemic sample. Lipemia can falsely decrease T4 results. Lipemia can falsely elevate TSH results.	**1.0 mL serum, 1.0 mL EDTA whole blood, and 6.0 mL urine** Serum in red top or serum separator tube, lavender top, urine transport tube	**1-3 days**

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CODE	TEST NAME | DESCRIPTION | COMPONENTS	SPECIMEN	TAT*
SA775	**Senior Profile 2 with SDMA, Fecal Combo** Superchem with SDMA, CBC, T4, Urinalysis, Free T4 by ED, and O&P with Centrifugation, *Giardia* The most comprehensive minimum database (superchemistry with SDMA (SA010), complete blood count and urinalysis), a thyroid panel (T4 and FT4 ED), and fecal analysis using zinc sulfate centrifugation/flotation and *Giardia* Ag ELISA for ova and parasite detection. Interferences: T4 evaluation can be affected in a hemolyzed or moderately lipemic sample. Lipemia can falsely decrease T4 results. Lipemia can falsely elevate TSH results.	**1.0 mL serum, 1.0 mL EDTA whole blood, 6.0 mL urine, and 6 grams feces** Serum in red top or serum separator tube, lavender top, urine transport tube, Antech provided fecal container	**1-3 days**
SA766	**Senior Profile 2 with SDMA, Fel Heartworm Ab** Superchem with SDMA, CBC, T4, Urinalysis, Free T4 by ED, and Feline Heartworm Antibody The most comprehensive minimum database (superchemistry with SDMA (SA010), complete blood count and urinalysis), a thyroid panel (T4 and FT4 ED), and heartworm antibody detection. Interferences: T4 evaluation can be affected in a hemolyzed or moderately lipemic sample. Lipemia can falsely decrease T4 results. Lipemia can falsely elevate TSH results.	**1.5 mL serum, 1.0 mL EDTA whole blood, and 6.0 mL urine** Serum in red top or serum separator tube, lavender top, urine transport tube	**1-3 days**
SA780	**Senior Profile 2 with SDMA, FeLV, FIV** Superchem with SDMA, CBC, T4, Urinalysis, Free T4 by ED, FIV, and FeLV The most comprehensive minimum database (superchemistry with SDMA (SA010), complete blood count and urinalysis), a thyroid panel (T4 and FT4 ED), FeLV antigen and FIV antibody detection. Interferences: marked hemolysis or lipemia may result in false positive results on the FeLV Antigen ELISA.	**1.5 mL serum, 1.0 mL EDTA whole blood, and 6.0 mL urine** Serum in red top or serum separator tube, lavender top, urine transport tube	**1-3 days**
SA790	**Senior Profile 2 with SDMA, O&P, Fel Heartworm Ab** Superchem with SDMA, CBC, T4, Urinalysis, Free T4 by ED, O&P with Centrifugation, Feline Heartworm Antibody The most comprehensive minimum database (superchemistry with SDMA (SA010), complete blood count and urinalysis), a thyroid panel (T4 and FT4 ED), heartworm antibody detection, and fecal analysis using zinc sulfate centrifugation/flotation for ova and parasite detection. Interferences: T4 evaluation can be affected in a hemolyzed or moderately lipemic sample. Lipemia can falsely decrease T4 results. Lipemia can falsely elevate TSH results.	**1.5 mL serum, 1.0 mL EDTA whole blood, 6.0 mL urine, and 5 grams feces** Serum in red top or serum separator tube, lavender top, urine transport tube, Antech provided fecal container	**1-3 days**

CODE	TEST NAME | DESCRIPTION | COMPONENTS	SPECIMEN	TAT*
SA762	**Senior Profile 2 with SDMA, O&P, Heartworm** Superchem with SDMA, CBC, T4, Urinalysis, Free T4 by ED, Heartworm Antigen, and O&P with Centrifugation The most comprehensive minimum database (superchemistry with SDMA (SA010), complete blood count and urinalysis), a thyroid panel (T4 and FT4 ED), heartworm antigen detection, and fecal analysis using zinc sulfate centrifugation/flotation for ova and parasite detection. Interferences: T4 evaluation can be affected in a hemolyzed or moderately lipemic sample. Lipemia can falsely decrease T4 results. Lipemia can falsely elevate TSH results.	**1.5 mL serum, 1.0 mL EDTA whole blood, 6.0 mL urine, and 5 grams feces** Serum in red top or serum separator tube, lavender top, urine transport tube, Antech provided fecal container	**1-3 days**
SA730	**Senior Profile with SDMA, Vaccine Titers** Superchem with SDMA, CBC, T4, Urinalysis, and Distemper/Parvo Vaccinal Titer The most comprehensive minimum database (superchemistry with SDMA (SA010), complete blood count and urinalysis), a total T4, and Distemper/Parvovirus vaccine titer. Interferences: T4 evaluation can be affected in a hemolyzed or moderately lipemic sample. Lipemia can falsely decrease T4 results. Lipemia can falsely elevate TSH results.	**1.0 mL serum, 1.0 mL EDTA whole blood, and 6.0 mL urine** Serum in red top or serum separator tube, lavender top, urine transport tube	**1-3 days**
SA768	**Senior Profile with SDMA, Feline Heartworm Ab, Fecal Combo** Superchem with SDMA, CBC, T4, Urinalysis, Feline Heartworm Antibody, and O&P with Centrifugation, *Giardia* The most comprehensive minimum database (superchemistry with SDMA (SA010), complete blood count and urinalysis), a total T4, heartworm antibody detection, and fecal analysis using zinc sulfate centrifugation/flotation and *Giardia* Ag ELISA for ova and parasite detection. Interferences: T4 evaluation can be affected in a hemolyzed or moderately lipemic sample. Lipemia can falsely decrease T4 results. Lipemia can falsely elevate TSH results.	**1.0 mL serum, 1.0 mL EDTA whole blood, 6.0 mL urine, and 6 grams feces** Serum in red top or serum separator tube, lavender top, urine transport tube, Antech provided fecal container	**1-2 days**
SA725	**Senior Profile with SDMA, Panleukopenia** Superchem with SDMA, CBC, T4, Urinalysis, and Panleukopenia Vaccine Titer (Feline Only) The most comprehensive minimum database (superchemistry with SDMA (SA010), complete blood count and urinalysis), a total T4, and Panleukopenia vaccine titer. Interferences: T4 evaluation can be affected in a hemolyzed or moderately lipemic sample. Lipemia can falsely decrease T4 results. Lipemia can falsely elevate TSH results.	**1.0 mL serum, 1.0 mL EDTA whole blood, and 6.0 mL urine** Serum in red top or serum separator tube, lavender top, urine transport tube	**1-5 days**

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CODE	TEST NAME | DESCRIPTION | COMPONENTS	SPECIMEN	TAT*
SA745	**Senior Super Plus with SDMA** Superchem with SDMA, CBC, Total T4, Urinalysis, Heartworm Antigen, and Fecal O&P with Centrifugation The most comprehensive minimum database (superchemistry with SDMA (SA010), complete blood count and urinalysis), a total T4, heartworm antigen detection test, and fecal analysis using zinc sulfate centrifugation/flotation for ova and parasite detection. Interferences: T4 evaluation can be affected in a hemolyzed or moderately lipemic sample. Lipemia can falsely decrease T4 results. Lipemia can falsely elevate TSH results.	**1.0 mL serum, 1.0 mL EDTA whole blood, 6.0 mL urine, and 5 grams feces** Serum in red top or serum separator tube, lavender top, urine transport tube, Antech provided fecal container	**1-2 days**
SA764	**Senior Wellness with SDMA, Feline Heartworm Ab, O&P** Superchem with SDMA, CBC, T4, Urinalysis, Feline Heartworm Antibody, O&P with Centrifugation The most comprehensive minimum database (superchemistry with SDMA (SA010), complete blood count and urinalysis), a total T4, heartworm antibody detection, and fecal analysis using zinc sulfate centrifugation/flotation for ova and parasite detection. Interferences: T4 evaluation can be affected in a hemolyzed or moderately lipemic sample. Lipemia can falsely decrease T4 results. Lipemia can falsely elevate TSH results.	**1.0 mL serum, 1.0 mL EDTA whole blood, 6.0 mL urine, and 5 grams feces** Serum in red top or serum separator tube, lavender top, urine transport tube, Antech provided fecal container	**1-2 days**
SA081	**Senior Comprehensive Plus with SDMA, UA** Superchem with SDMA, CBC, T4, Urinalysis, Free T4 by ED, and TSH The most comprehensive minimum database (superchemistry with SDMA (SA010), complete blood count and urinalysis), and thyroid panel (T4, FT4 ED, and TSH). Interferences: T4 evaluation can be affected in a hemolyzed or moderately lipemic sample. Lipemia can falsely decrease T4 results. Lipemia can falsely elevate TSH results.	**1.5 mL serum, 1.0 mL EDTA whole blood, and 6.0 mL urine** Serum in red top or serum separator tube, lavender top, urine transport tube	**1-3 days**
SA784	**Senior Comprehensive with SDMA, Heartworm, UA, UPCR** Superchem with SDMA, CBC, T4, Urinalysis, Free T4 by ED, Heartworm Antigen, and Protein/Creatinine Ratio The most comprehensive minimum database (superchemistry with SDMA (SA010), complete blood count and urinalysis), thyroid panel (T4, FT4 ED), heartworm antigen detection, and urine protein to creatinine ratio. Interferences: T4 evaluation can be affected in a hemolyzed or moderately lipemic sample. Lipemia can falsely decrease T4 results. Lipemia can falsely elevate TSH results.	**1.5 mL serum, 1.0 mL EDTA whole blood, and 6.5 mL urine** Serum in red top or serum separator tube, lavender top, urine transport tube	**1-3 days**

CODE	TEST NAME | DESCRIPTION | COMPONENTS	SPECIMEN	TAT*
SA715	**Senior Profile 1 with SDMA, Virals, Feline Heartworm Ab** Superchem with SDMA, CBC, Total T4, Urinalysis, FeLV, FIV, Feline Heartworm Antibody The most comprehensive minimum database (superchemistry with SDMA (CSA010), complete blood count and urinalysis), a total T4, FeLV antigen, FIV and heartworm antibody detection. Interferences: marked hemolysis or lipemia may result in false positive results on the FeLV Antigen ELISA.	**1.5 mL serum, 1.0 mL EDTA whole blood, and 6.0 mL urine** Serum in red top or serum separator tube, lavender top, urine transport tube	**1-2 days**
SA1601	**Superchem with SDMA, CBC, Free T4 ED** Superchem with SDMA, CBC, and Free T4 by ED Most comprehensive chemistry profile (superchemistry with SDMA (SA010)), a complete blood count and FT4 ED. Interferences: T4 evaluation can be affected in a hemolyzed or moderately lipemic sample. Lipemia can falsely decrease T4 results. Lipemia can falsely elevate TSH results.	**1.0 mL serum and 1.0 mL EDTA whole blood** Serum in red top or serum separator tube, lavender top	**1-3 days**
SA020	**Superchem with SDMA, CBC** Superchem with SDMA and CBC Most comprehensive chemistry profile which includes SDMA for estimation of the glomerular filtration rate (T1035) and a complete blood count. Interferences: marked hemolysis and lipemia.	**0.5 mL serum and 1.0 mL EDTA whole blood** Serum in red top or serum separator tube, lavender top	**24 hours** Performed each shift
SA028	**Superchem with SDMA, CBC, Heartworm Antigen** Superchem with SDMA, CBC, and Heartworm Antigen The most comprehensive chemistry with SDMA (SA010), a complete blood count and heart worm antigen detection. Interferences: marked hemolysis and lipemia.	**1.0 mL serum and 1.0 mL EDTA whole blood** Serum in red top or serum separator tube, lavender top	**1-2 days**
SA450	**Superchem with SDMA, CBC, Thyroid Panel (T3, T4, FT4ED, TSH, TGAA)** Superchem with SDMA, CBC, T4, T3, Free T4 by ED, TSH, and Thryglobulin Auto Antibody Most comprehensive chemistry profile (superchemistry with SDMA (SA010)), a complete blood count, and thyroid panel (T3, T4, FT4 ED, TSH and thyroglobulin autoantibody (TGAA)). Interferences: T4 evaluation can be affected in a hemolyzed or moderately lipemic sample. Lipemia can falsely decrease T4 results. Lipemia can falsely elevate TSH results.	**1.5 mL serum and 1.0 mL EDTA whole blood** Serum in red top or serum separator tube, lavender top, urine transport tube	**1-3 days**
SA021	**Superchem with SDMA, CBC, UA** Superchem with SDMA, CBC, Urinalysis The most comprehensive minimum database (superchemistry with SDMA (SA010), complete blood count and urinalysis). Interferences: marked hemolysis and lipemia (serum and whole blood).	**0.5 mL serum, 1.0 mL EDTA whole blood, and 6.0 mL urine** Serum in red top or serum separator tube, lavender top, urine transport tube	**24 hours** Performed each shift

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CODE	TEST NAME | DESCRIPTION | COMPONENTS	SPECIMEN	TAT*
SA490	**Superchem with SDMA, CBC, Viral Panel** Superchem with SDMA, CBC, FeLV Antigen and FIV Antibody Most comprehensive chemistry profile (superchemistry with SDMA (SA010)), a complete blood count, FeLV antigen and FIV antibody detection. Interferences: marked hemolysis or lipemia.	**1.0 mL serum and 1.0 mL EDTA whole blood** Serum in red top or serum separator tube, lavender top	**1-2 days**
SA788	**Total Body Function Plus with SDMA, Fecal Combo** Superchem with SDMA, CBC, T4, Heartworm Antigen, and O&P with Centrifugation and *Giardia* The most comprehensive chemistry panel with SDMA (SA010), a complete blood count, total T4, heartworm antigen detection and fecal analysis using zinc sulfate centrifugation/flotation and *Giardia* Ag ELISA (T808) for ova and parasite detection. Interferences: T4 evaluation can be affected in a hemolyzed or moderately lipemic sample. Lipemia can falsely decrease T4 results. Lipemia can falsely elevate TSH results.	**1.0 mL serum, 1.0 mL EDTA whole blood, and 6.0 grams feces** Serum in red top or serum separator tube, lavender top, Antech provided fecal container	**1-2 days**
SA114	**Total Body Function Plus with SDMA, O&P** Superchem with SDMA, CBC, T4, Heartworm Antigen, and O&P with Centrifugation The most comprehensive chemistry panel with SDMA (SA010), a complete blood count, total T4, heartworm antigen detection and fecal analysis using zinc sulfate centrifugation/flotation (T805) for ova and parasite detection. Interferences: T4 evaluation can be affected in a hemolyzed or moderately lipemic sample. Lipemia can falsely decrease T4 results. Lipemia can falsely elevate TSH results.	**1.0 mL serum, 1.0 mL EDTA whole blood, and 5.0 grams feces** Serum in red top or serum separator tube, lavender top, Antech provided fecal container	**1-2 days**
SA120	**Total Body Function with SDMA** Superchem with SDMA, CBC, and Total T4 The most comprehensive chemistry panel with SDMA (SA010), a complete blood count, and a total T4. Interferences: T4 evaluation can be affected in a hemolyzed or moderately lipemic sample. Lipemia can falsely decrease T4 results. Lipemia can falsely elevate TSH results.	**0.5 mL serum and 1.0 mL EDTA whole blood** Serum in red top or serum separator tube, lavender top	**24 hours** Performed each shift
SA110	**Total Body Function with SDMA, Heartworm** Superchem with SDMA, CBC, T4, Heartworm Antigen The most comprehensive chemistry panel with SDMA (SA010), a complete blood count, a total T4, and heartworm antigen detection. Interferences: T4 evaluation can be affected in a hemolyzed or moderately lipemic sample. Lipemia can falsely decrease T4 results. Lipemia can falsely elevate TSH results.	**1.0 mL serum and 1.0 mL EDTA whole blood** Serum in red top or serum separator tube, lavender top	**1-2 days**

CODE	TEST NAME | DESCRIPTION | COMPONENTS	SPECIMEN	TAT*
SA225	**Total Body Function with SDMA, Feline Virals** Superchem with SDMA, CBC, T4, FeLV, FIV Antibody, and FCV Titer The most comprehensive chemistry panel with SDMA (SA010), a completely blood count, a total T4, FeLV antigen and FIV antibody detection, and feline coronavirus titer. Interferences: T4 evaluation can be affected in a hemolyzed or moderately lipemic sample. Lipemia can falsely decrease T4 results. Lipemia can falsely elevate TSH results.	**1.5 mL serum and 1.0 mL EDTA whole blood** Serum in red top or serum separator tube, lavender top	**1-3 days**
SA122	**Total Body Function with SDMA, O&P** Superchem with SDMA, CBC, T4, and O&P with Centrifugation The most comprehensive chemistry panel with SDMA (SA010), a complete blood count, total T4, and fecal analysis using zinc sulfate centrifugation/flotation (T805) for ova and parasite detection. Interferences: T4 evaluation can be affected in a hemolyzed or moderately lipemic sample. Lipemia can falsely decrease T4 results. Lipemia can falsely elevate TSH results.	**0.5 mL serum, 1.0 mL EDTA whole blood, and 5.0 grams feces** Serum in red top or serum separator tube, lavender top, Antech provided fecal container	**1-2 days**
SA1633	**Total Body Function with SDMA, TSH** Superchem with SDMA, CBC, T4, and TSH The most comprehensive chemistry panel with SDMA (SA010), a complete blood count and a thyroid panel (total T4 and TSH). Interferences: T4 evaluation can be affected in a hemolyzed or moderately lipemic sample. Lipemia can falsely decrease T4 results. Lipemia can falsely elevate TSH results.	**1.0 mL serum and 1.0 mL EDTA whole blood** Serum in red top or serum separator tube, lavender top	**1-2 days**
SA035	**Vet Screen 2 Plus with SDMA, CBC** Vet Screen with SDMA with Amylase and CBC A comprehensive chemistry profile with SDMA (SA025), with amylase evaluation added, and a complete blood count. Interferences: marked hemolysis and lipemia.	**0.5 mL serum and 1.0 mL EDTA whole blood** Serum in red top or serum separator tube, lavender top	**24 hours**
SA030	**Vet Screen with SDMA, CBC** Vet Screen with SDMA and CBC A comprehensive chemistry profile with SDMA (SA025) and a complete blood count. Interferences: marked hemolysis and lipemia.	**0.5 mL serum and 1.0 mL EDTA whole blood** Serum in red top or serum separator tube, lavender top	**24 hours**
SA530	**Vet Screen with SDMA, CBC, Heartworm, T4** Vet Screen with SDMA, CBC, Heartworm Antigen, and T4 A comprehensive chemistry panel with SDMA (SA025), complete blood count, heartworm antigen detection, and total T4. Interferences: T4 evaluation can be affected in a hemolyzed or moderately lipemic sample. Lipemia can falsely decrease T4 results. Lipemia can falsely elevate TSH results.	**0.5 mL serum and 1.0 mL EDTA whole blood** Serum in red top or serum separator tube, lavender top	**1-2 days**

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CODE	TEST NAME | DESCRIPTION | COMPONENTS	SPECIMEN	TAT*
SA906	**Vet Screen with SDMA, CBC, FeLV, FIV, UA** Vet Screen with SDMA, CBC, FeLV, FIV, Urinalysis A comprehensive minimum database (comprehensive chemistry with SDMA (SA025), a complete blood count and urinalysis), FeLV antigen and FIV antibody detection. Interferences: marked hemolysis or lipemia may result in false positive results on the FeLV Antigen ELISA.	**1.0 mL serum, 1.0 mL EDTA whole blood, and 6.0 mL urine** Serum in red top or serum separator tube, lavender top, urine transport tube	**1-2 days**
SA1645	**Vet Screen with SDMA, CBC, FeLV, T4** Vet Screen with SDMA, CBC, FeLV, and T4 A comprehensive chemistry with SDMA (SA025), complete blood count, total T4 and FeLV antigen detection. Interferences: marked hemolysis or lipemia may result in false positive results on the FeLV Antigen ELISA.	**1.0 mL serum and 1.0 mL EDTA whole blood** Serum in red top or serum separator tube, lavender top	**1-2 days**
SA039	**Vet Screen with SDMA, CBC, Heartworm** Vet Screen with SDMA, CBC, Heartworm Antigen A comprehensive chemistry profile with SDMA (SA025), a complete blood count, and evaluation for heartworm antigen. SA030 to which heartworm antigen detection has been added. Interferences: marked hemolysis and lipemia.	**1.0 mL serum and 1.0 mL EDTA whole blood** Serum in red top or serum separator tube, lavender top	**1-2 days**
SA905	**Vet Screen with SDMA, CBC, O&P, *Giardia*** Vet Screen with SDMA, CBC, O&P with Centrifugation and *Giardia* A comprehensive chemistry with SDMA (SA025), a complete blood count, and fecal analysis using zinc sulfate centrifugation/flotation and *Giardia* Ag ELISA (T808) for ova and parasite detection. Interferences: marked hemolysis or lipemia.	**0.5 mL serum, 1.0 mL EDTA whole blood, and 6.0 grams feces** Serum in red top or serum separator tube, lavender top, Antech provided fecal container	**1-2 days**
SA031	**Vet Screen with SDMA, CBC, PT, PTT** Vet Screen with SDMA, CBC, PT and APTT A comprehensive chemistry profile with SDMA (SA025), a complete blood count, Prothrombin Time (PT) and Activated Partial Thromboplastin Time (APTT). Interferences: marked hemolysis and lipemia.	**0.5 mL serum, 1.0 mL EDTA whole blood, and 0.5 mL citrated plasma** Serum in red top or serum separator tube, lavender top, citrated plasma (blue top)	**24 hours** Performed each shift
SA034	**Vet Screen with SDMA, CBC, T4** Vet Screen with SDMA, CBC, and Total T4 A comprehensive chemistry profile with SDMA (SA025), complete blood count, and a total T4. Interferences: T4 evaluation can be affected in a hemolyzed or moderately lipemic sample. Lipemia can falsely decrease T4 results. Lipemia can falsely elevate TSH results.	**0.5 mL serum and 1.0 mL EDTA whole blood** Serum in red top or serum separator tube, lavender top	**24 hours** Performed each shift

CODE	TEST NAME | DESCRIPTION | COMPONENTS	SPECIMEN	TAT*
SA036	**Vet Screen with SDMA, CBC, Urinalysis** Vet Screen with SDMA, CBC, Urinalysis A complete minimum database (comprehensive chemistry and SDMA (SA025), complete blood count, urinalysis). Interferences: marked hemolysis and lipemia.	**0.5 mL serum, 1.0 mL EDTA whole blood, and 6.0 mL urine** Serum in red top or serum separator tube, lavender top, urine transport tube	**24 hours** Performed each shift
SA912	**Vet Screen with SDMA, Thyroids** Vet Screen with SDMA, T4, CBC, Free T4 by ED A comprehensive chemistry profile with SDMA (SA025), a complete blood count, and thryoid profile (T4 and a FT4 ED). Interferences: T4 evaluation can be affected in a hemolyzed or moderately lipemic sample. Lipemia can falsely decrease T4 results. Lipemia can falsely elevate TSH results.	**1.0 mL serum and 1.0 mL EDTA whole blood** Serum in red top or serum separator tube, lavender top	**1-3 days**
SA904	**Vet Screen with SDMA, CBC, UA, O&P, Heartworm** Vet Screen with SDMA, CBC, Urinalysis, O&P with Centrifugation, Heartworm Antigen A complete minimum database (comprehensive chemistry with SDMA (SA025), complete blood count, and urinalysis), heartworm antigen detection and fecal analysis using zinc sulfate centrifugation/flotation (T805) for ova and parasite detection. Interferences: marked hemolysis and lipemia.	**1.0 mL serum, 1.0 mL EDTA whole blood, 6.0 mL urine, and 5.0 grams feces** Serum in red top or serum separator tube, lavender top, urine transport tube, Antech provided fecal container	**1-2 days**
SA647	**Wellness Profile with SDMA, O&P, UA** Wellness Chemistry with SDMA, CBC, Fecal O&P with Centrifugation, Urinalysis The most comprehensive minimum database (superchemistry with SDMA (SA010), complete blood count and urinalysis) and fecal analysis using zinc sulfate centrifugation/flotation (T805) for ova and parasite detection. Interferences: marked hemolysis and lipemia.	**0.5 mL serum, 1.0 mL EDTA whole blood, 6.0 mL urine, and 5.0 grams feces** Serum in red top or serum separator tube, lavender top, urine transport tube, Antech provided fecal container	**1-2 days**

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HEMATOLOGY

CODE	TEST NAME | DESCRIPTION | COMPONENTS	SPECIMEN	TAT*
ADD03	**Add-on CBC** Includes WBC, RBC, Hemoglobin, Hematocrit, MCV, MCH, MCHC, Platelet count and Differential: Percent and Absolute Neutrophils, Bands, Lymphocytes, Monocytes, Eosinophils, Basophils Assessment of the quantity and morphology of the erythrocytes, leukocytes and platelets. Interferences: marked hemolysis.	**1.0 mL EDTA whoole blood in lavender top tube**	**Daily** Performed each shift
T395	**APTT** Partial Thromboplastin Time (PTT) measures the integrity of the intrinsic and common components of the coagulation cascade. Interferences: marked hemolysis or lipemia. Partially full blue top tube may falsely increase sample's coagulation time. Note: clotting of the sample may preclude the analysis. The blue top tube needs to be filled to 2/3 or more of its capacity.	**0.5 mL citrated plasma in non-additive transport tube.**	**24 hours** Performed each shift
S16100	**Blood Type, Canine - Full Panel** Blood Type: DEA 1, DEA 4, DEA 5, DEA 7 This panel is used for RBC typing for identifying blood donors. It evaluates the presence of the blood group antigens; DEA 1.1, 1.2, 1.3, 4, 5, and 7. Antibody screen can be performed at no extra charge if clients submit serum with LTT.	**1.0 mL EDTA whole blood in lavender top tube**	**2-4 days**
T315	**Blood Type, Canine DEA 1.1 Only** This test determines the appropriateness of canineblood donors prior to transfusion. Dog Erythrocyte Antigen (DEA) 1.1 is the most antigenic blood group in dogs, and canine blood donors are often screened to see if they are positive or negative for this blood group. Interferences: freezing of sample may preclude testing. Note: keep sample refrigerated prior to transport and send with an ice pack.	**1.0 mL EDTA whole blood in lavender top tube**	**1-3 days**

CODE	TEST NAME | DESCRIPTION | COMPONENTS	SPECIMEN	TAT*
T330R	**CBC Recheck** Includes WBC, RBC, Hemoglobin, Hematocrit, MCV, MCH, MCHC, Platelet count and Differential: Percent and Absolute Neutrophils, Bands, Lymphocytes, Monocytes, Eosinophils, Basophils A complete blood count reevaluation. Resubmission must be within 4 weeks of original accession. Interferences: marked hemolysis and lipemia.	**1.0 mL EDTA whole blood in lavender top tube**	**24 hours** Performed each shift
AE275	**CBC Small Mammalian** Includes WBC, RBC, Hemoglobin, Hematocrit, MCV, MCH, MCHC, Platelet count and Differential: Percent and Absolute Neutrophils, Heterophils, Bands, Lymphocytes, Monocytes, Eosinophils, Basophils Interferences: marked hemolysis.	**0.5 mL EDTA whole blood in lavender top tube**	**24 Hours** Performed each shift
SA290	**Coagulation Panel with D-Dimer** CBC, PT and aPTT, Fibrinogen (Quantitative), and D-Dimer Panel used to evaluate a patient exhibiting unexplained bleeding and/or thromboembolic disorders. Additionally, it can be used to evaluate risk of bleeding secondary to provocative procedures. Includes a CBC, PT/PTT, fibrinogen and D-dimer. Interferences: marked hemolysis, lipemia or clotting.	**1.0 mL EDTA whole blood and 1.0 mL citrated plasma** Lavender top, citrated plasma (or filled blue top)	**24 hours** Performed each shift
SA300	**Coagulation Profile 2** PT and aPTT, Fibrinogen (Quantitative), D-Dimer, and Platelet Count Panel used to evaluate a patient exhibiting unexplained bleeding and/or thromboembolic disorders. Additionally, it can be used to evaluate risk of bleeding secondary to provocative procedures. Includes PT/PTT, platelet count, fibrinogen and D- dimer. Interferences: marked hemolysis, lipemia or clotting.	**1.0 mL EDTA whole blood and 1.0 mL citrated plasma** Lavender top, citrated plasma (or filled blue top)	**24 hours** Performed each shift

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CODE	TEST NAME | DESCRIPTION | COMPONENTS	SPECIMEN	TAT*
SA305	**Coagulation Profile 3** PT and aPTT, and Platelet Count Panel used to evaluate a patient exhibiting unexplained bleeding. Additionally, it can be used to evaluate risk of bleeding secondary to provocative procedures. Includes PT/PTT and platelet count. Interferences: marked hemolysis, marked lipemia or clotting.	**1.0 mL EDTA whole blood and 1.0 mL citrated plasma** Lavender top, citrated plasma (or filled blue top)	**24 hours** Performed each shift
T330 **Add-on Equivalent ADD03**	**Complete Blood Count** Includes WBC, RBC, Hemoglobin, Hematocrit, MCV, MCH, MCHC, Platelet count and Differential: Percent and Absolute Neutrophils, Bands, Lymphocytes, Monocytes, Eosinophils, Basophils Includes WBC, RBC, HGB, HCT, MCV, MCH, MCHC, platelet count and estimate, WBC differential, RBC and WBC morphology. Interferences: marked hemolysis and lipemia.	**1.0 mL EDTA whole blood in lavender top tube**	**24 hours** Performed each shift
T337	**Complete Blood Count with Retic Count** CBC and Reticulocyte Count This includes WBC, RBC, HGB, HCT, MCV, MCH, MCHC, platelet count and estimate, WBC differential, RBC, WBC morphology and a reticulocyte count. Interferences: marked hemolysis and lipemia.	**1.0 mL EDTA whole blood in lavender top tube**	**24 hours** Performed each shift
T540	**Direct Coombs' Test Warm** Used to investigate hemolytic anemia. Interferences: marked hemolysis and lipemia. Test should be performed within 24 hours of sample collection.	**1.0 mL EDTA whole blood in lavender top tube**	**24 hours**

CODE	TEST NAME | DESCRIPTION | COMPONENTS	SPECIMEN	TAT*
T320	**Feline Blood Typing** Evaluation of feline blood type as Type A, Type B, or AB. Note: keep sample refrigerated and send with an ice pack.	**1.0 mL EDTA whole blood in lavender top tube**	**2-10 days**
T365 **Add-on Equivalent ADD40**	**Fibrinogen Quantitative** This test is used to measure the concentration of functional fibrinogen in the plasma. Interferences: clotted sample precludes analysis. Citrated Whole Blood (blue top tube) or citrated plasma is the only acceptable sample. The tube should be greater than 2/3rds filled. If submitting separated citrated plasma, label it as Citrated Plasma.	**0.5 mL citrated plasma collected as whole blood in blue top tube at least 2/3rds full to the fill line**	**24 hours** Performed each shift
REVW	**Path Review CBC** This code is used to add-on a clinicopathologist review to a CBC.	**0.5 mL EDTA whole blood in lavender top tube**	**1-2 days**
T400 **Add-on Equivalent ADD120**	**Platelet Count** Interferences: marked hemolysis.	**1.0 mL EDTA whole blood in lavender top tube**	**24 hours** Performed each shift

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CODE	TEST NAME | DESCRIPTION | COMPONENTS	SPECIMEN	TAT*
T401	**Platelet Count Manual** Interferences: marked hemolysis.	**1.0 mL EDTA whole blood in lavender top tube**	**24 Hours** Performed each shift
T410	**Prothrombin Time** Prothrombin Time (PT) measures the integrity of the extrinsic and common components of the coagulation cascade. Interferences: marked hemolysis or lipemia. Partially full blue top tube may falsely increase sample's coagulation time. Note: clotting of the sample may preclude the analysis. The blue top tube needs to be filled to 2/3 or more of its capacity.	**0.5 mL citrated plasma in non-additive transport tube.**	**24 hours** Performed each shift
T415 **Add-on Equivalent ADD290**	**PT and aPTT** Prothrombin Time and Activated Partial Thromboplastin Time. Prothrombin time measures the integrity of the extrinsic and common components of the coagulation cascade. Partial Thromboplastin Time (PTT) measures the integrity of the intrinsic and common components of the coagulation cascade. Interferences: marked hemolysis or lipemia. Partially full blue top tube may falsely increase sample's coagulation time. Note: clotting of the sample may preclude the analysis. The blue top tube needs to be filled to 2/3 or more of its capacity. Partially full blue top tubes may falsely increase the coagulation times.	**0.5 mL citrated plasma in non additive transport tube.**	**24 hours** Performed each shift
ADD290	**PT and APTT Add-on** Prothrombin Time and Activated Partial Thromboplastin Time. Prothrombin time measures the integrity of the extrinsic and common components of the coagulation cascade. Partial Thromboplastin Time (PTT) measures the integrity of the intrinsic and common components of the coagulation cascade. Interferences: marked hemolysis or lipemia. Partially full blue top tube may falsely increase sample's coagulation time. Note: clotting of the sample may preclude the analysis. The blue top tube needs to be filled to 2/3 or more of its capacity. Partially full blue top tubes may falsely increase the coagulation times.	**0.5 mL citrated plasma in non-additive transport tube.**	**24 hours** Performed each shift

CODE	TEST NAME | DESCRIPTION | COMPONENTS	SPECIMEN	TAT*
T425 **Add-on Equivalent ADD140**	**Reticulocyte Count** Reticulocytes, Absolute Reticulocytes Includes an unadjusted reticulocyte percent and absolute reticulocyte count. Only aggregate reticulocytes are counted. Interferences: marked hemolysis.	**1.0 mL EDTA whole blood in lavender top tube**	**24 hours** Performed each shift
ADD140	**Reticulocyte Count Add-on** Reticulocytes, Absolute Reticulocytes Includes an unadjusted reticulocyte percent and absolute reticulocyte count. Only aggregate reticulocytes are counted. Interferences: unable to be performed if sample has marked hemolysis.	**1.0 mL EDTA whole blood in lavender top tube**	**24 hours** Performed each shift
T331	**Special CBC, Path Review** This includes WBC, RBC, HGB, HCT, MCV, MCH, MCHC, platelet count and estimate, WBC differential, RBC, and WBC morphology. A clinical pathologist will then review results and blood smears and provide an interpretative comment of the complete blood count. Interferences: marked hemolysis and lipemia. Clotting or freezing of sample may preclude analysis.	**1.0 mL EDTA whole blood in lavender top tube**	**1-3 days**
S17123	**Von Willebrand Factor** To evaluate for Von Willebrands factor deficiency. Results will be expressed as a percentage. The percentage will indicate the risk of bleeding problems. Note: for genetic screening, do not test bitches in season, pregnant or lactating. Do not test unhealthy animals (with no evidence of primary clotting issues), those on medication for a recent illness, or those vaccinated within 14 days. Large breed pups can be tested at seven weeks of age. Small breed pups should be over 12 weeks of age prior to testing.	**1.5 mL citrated plasma collected as whole blood in blue top tube, spun and plasma placed in non-additive tube (labeled as Citrated plasma). Freeze citrated plasma.**	**5-7 days**

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CHEMISTRY

CODE	TEST NAME | DESCRIPTION | COMPONENTS	SPECIMEN	TAT*
FRUCTADD	**Add-on Fructosamine** Interferences: hemolysis and lipemia may affect results.	**0.5 mL serum in red top or serum separator tube**	**24 hours**
SA665	**Adult Wellness Chemistry with SDMA** Wellness Chemistry (ALT (SGPT), Alkaline Phosphatase, Total Protein, Albumin, Globulin, A/G Ratio, BUN, Creatinine, BUN/Creatinine Ratio, Glucose, Sodium, Potassium, Na/K Ratio, and Chloride) with Electrolytes and SDMA A comprehensive chemistry panel and SDMA for glomerular filtration rate estimation (see T1035). Interferences: marked hemolysis and lipemia.	**0.5 mL serum in red top or serum separator tube**	**24 hours**
T225	**Bile Acids** Single sample labelled as either pre or post bile acids. Interferences: marked hemolysis or lipemia. Note: ursodeoxycholic acid may be detected by bile acid assay, causing falsely elevated values. 1.0 mL of serum labeled either as fasted (10-12 hours fast) or post prandial (2 hours after feeding a maintenance diet meal).	**0.5 mL serum in red top or serum separator tube**	**1-2 days**
T220	**Bile Acids Pre and Post** Fasted bile acids, 2 hour post feeding bile acids Pre and post prandial bile acids Interferences: marked hemolysis or lipemia. Ursodeoxycholic acid may be detected by bile acid assay, causing falsely elevated values. Note: suggested protocol: 1. Obtain a fasting serum sample (1 mL) and label the tube preprandial. 2. Obtain a second serum sample (1 mL) 2 hours after feeding the animal a maintenance diet and label the tube postprandial.	**0.5 mL serum in red top or serum separator tube (fasted sample labeled Pre) and 0.5 serum in red top or serumseparator tube (2-hour post sample labeled Post)**	**1-2 days**

CODE	TEST NAME | DESCRIPTION | COMPONENTS	SPECIMEN	TAT*
T110	**Calcium** Total Calcium Interferences: marked hemolysis or lipemia. Lipemia can result in falsely elevated total calcium values.	**0.5 mL serum in red top tube or serum separator tube**	**24 hours** Performed each shift
S18537	**Calcium, Ionized** Used to further explore the relevance of abnormalities in total calcium by assessing its ionized fraction. Interferences: aerobic exposure, or severe lipemia. Note: sample must be anaerobically transferred from spun collection tube into plain red top.	**2.0 mL serum anaerobically transferred from spun red top or serum separator tube into a plain, unopened red top tube.**	**1-4 days**
SA804	**Chemistry Panel with SDMA** Total Protein. ALT (SGPT), Alkaline Phosphatase, Total Bilirubin, BUN, Creatinine, Sodium, Potassium, Chloride, and SDMA An abbreviated chemistry panel including ALT, ALP, total bilirubin, BUN, creatinine, total protein, and SDMA for glomerular filtration rate estimation (see T1035). Interferences: marked hemolysis or lipemia.	**0.5 mL serum in red top or serum separator tube**	**24 hours** Performed each shift
T7008	**Chemistry Renal Profile with SDMA** Total Protein, Albumin, Globulin, A/G Ratio, BUN, Creatinine, BUN/Creat Ratio, Phosphorus, Calcium, Corrected Calcium, Sodium, Potassium, Na/K Ratio, Chloride, and SDMA A comprehensive profile panel that can be used to trend response to therapy when treating renal disease (glomerular or tubulointerstitial) which includes SDMA for glomerular filtration rate estimation (see T1035). Interferences: marked hemolysis and lipemia.	**0.5 mL serum in red top or serum separator tube**	**24 hours** Performed each shift
CSFPR	**CSF Protein** This is a component of the CSF fluid analysis and cytology but can be requested alone. Interferences: marked hemolysis and lipemia.	**0.5 mL cerebrospinal fluid in lavender or red top tube**	**24 hours**

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CODE	TEST NAME | DESCRIPTION | COMPONENTS	SPECIMEN	TAT*
T140	**Electrolyte Screen** Sodium, potassium, sodium/potassium ratio, chloride, bicarbonate and anion gap Evaluation of serum sodium, potassium, sodium/potassium ratio, chloride, bicarbonate, and anion gap. Interferences: marked hemolysis and lipemia.	**0.5 mL serum in red top or serum separator tube**	**24 hours** Performed each shift
T145	**GGTP** Gamma-glutamyl transferase Interferences: marked hemolysis or lipemia.	**0.5 mL serum in red top or serum separator tube**	**24 hours** Performed each shift
SA1202	**GHP Chem with Lytes, SDMA** Total Protein, Albumin, Globulin, AL:T (SGPT), Alkaline Phosphatase, Total Bilirbin, BUN, Creatinine, Phosphorus, Glucose, Calcium, Sodium, Potassium, Chloride, Cholesterol, Amylase, and SDMA A chemistry panel containing electrolytes (without AST, CPK, GGT, triglyceride, PSL) and SDMA for glomerular filtration rate estimation (see T1035).	**0.5 mL serum in red top or serum separator tube**	**24 hours** Performed each shift
SA1102	**GHP Chem with SDMA** Total Protein, Albumin, Globulin, AL:T (SGPT), Alkaline Phosphatase, Total Bilirbin, BUN, Creatinine, Phosphorus, Glucose, Calcium, Sodium, Potassium, Chloride, Cholesterol, Amylase, and SDMA A chemistry profile (without electrolytes (sodium, potassium, chloride), AST, CPK, GGT, triglyceride, PSL), and SDMA for glomerular filtration rate estimation (see T1035).	**0.5 mL serum in red top or serum separator tube**	**24 hours** Performed each shift
SA321	**Liver Chemistries** Total Protein, Albumin, Globulin, A/G Ratio, AST (SGOT), ALT (SGPT), Alkaline Phosphatase, GGT, Total Bilirubin, Direct Bilirubin, Sodium, Potassium, Chloride, and Cholesterol A chemistry panel that includes all cholestatic and hepatocellular liver enzymes, bilirubin, albumin, globulin and cholesterol. Interferences: marked hemolysis or lipemia.	**0.5 mL serum in red top or serum separator tube**	**24 hours** Performed each shift

CODE	TEST NAME | DESCRIPTION | COMPONENTS	SPECIMEN	TAT*
SA324	**Liver Chemistry** Total Protein, Albumin, Globulin, A/G Ratio, AST (SGOT), ALT (SGPT), Alkaline Phosphatase, GGT, Total Bilirubin, Bun, Sodium, Potassium, Chloride, Glucose A chemistry panel that includes all cholestatic and hepatocellular liver enzymes, bilirubin, albumin, globulin, BUN and glucose. Interferences: marked hemolysis or lipemia.	**0.5 mL serum in red top or serum separator tube**	**24 hours** Performed each shift
SA326	**Liver Chemistry Panel** Total Protein, Albumin, Globulin, A/G Ratio, AST (SGOT), ALT (SGPT), Alkaline Phosphatase, GGT, Total Bilirubin, Direct and Indirect Bilirubin, Bun, Sodium, Potassium, Chloride, Glucose, Cholesterol The most comprehensive liver chemistry which includes all cholestatic and hepatocellular liver enzymes and parameters to assess synthetic capacity/function (albumin, BUN, cholesterol, glucose, and bilirubin). Interferences: marked hemolysis or lipemia.	**0.5 mL serum in red top or serum separator tube**	**24 hours** Performed each shift
SA329	**Liver Chemistry with Phenobarbital** Total Protein, Albumin, Globulin, A/G Ratio, AST (SGOT), ALT (SGPT), Alkaline Phosphatase, GGT, Total Bilirubin, Direct Bilirubin, Bun, Sodium, Potassium, Chloride, Cholesterol, and Phenobarbital A liver chemistry panel (SA321) to which a phenobarbital level has been added. Interferences: marked hemolysis or lipemia.	**0.5 mL serum in red top**	**24 hours** Performed each shift
SA1002	**Mini Early Detection Chem with SDMA** Total Protein, ALT (SGPT), ALK PHOS, BUN, Creatinine, Sodium, Potassium, Chloride, Glucose, and SDMA A chemistry which includes TP, ALT, ALP, BUN, creatinine, and glucose. Interferences: marked hemolysis and lipemia.	**0.5 mL serum in red top or serum separator tube**	**24 hours**
SA071	**Miniscreen 11 Chem with SDMA** Total Protein, Albumin, Globulin, A/G Ratio, ALT (SGPT), Alkaline Phosphatase, T. Bilirubin, BUN, Creatinine, BUN/Creat Ratio, Sodium, Potassium, Chloride, Glucose, and SDMA A comprehensive chemistry including total protein, albumin, globulin, A/G ratio, ALT, ALP, bilirubin, BUN, creatinine, BUN/creatinine ratio, blood glucose and SDMA. Interferences: marked hemolysis and lipemia.	**0.5 mL serum in red top or serum separator tube**	**24 hours**

CODE	TEST NAME | DESCRIPTION | COMPONENTS	SPECIMEN	TAT*
SA060	**Miniscreen 4 Chem** Total Protein, ALT (SGPT), Bun, Sodium, Potassium, Chloride, Glucose Miniscreen chemistry that allows assessment of four analytes (TP, ALT, BUN, and glucose). Interferences: marked hemolysis and lipemia.	**0.5 mL serum in red top or serum separator tube**	**24 hours**
SA822	**NSAID Chemistries with SDMA** AST (SGOT), ALT (SGPT), Alkaline Phosphatase, BUN, Sodium, Potassium, Chloride, Creatinine with SDMA A chemistry panel including AST, ALT, ALP, BUN, creatinine and SDMA. Interferences: marked hemolysis and lipemia.	**0.5 mL serum in red top or serum separator tube**	**24 hours** Performed each shift
T85360	**Pre NSAID Use Panel 3 with SDMA** Pre NSAID Panel 3 with Electrolytes and SDMA A chemistry panel that includes albumin, AST, ALT, ALP, GGT, BUN, creatinine and SDMA.	**0.5 mL serum in red top or serum separator tube**	**24 hours**
SA043	**Pre-Op Chem with Electrolytes, SDMA** Pre-Op Chemistries with Electrolytes and SDMA A smaller chemistry with electrolyte assessment. Includes albumin, globulin, ALT, ALP, BUN, creatinine, glucose, sodium, potassium, chloride and SDMA. Interferences: marked hemolysis and lipemia.	**0.5 mL serum in red top or serum separator tube**	**24 hours**
T165 **Add-on Equivalent ADD90**	**PrecisionPSL** PrecisionPSL (Pancreatic Sensitive Lipase) is used to help diagnose pancreatitis in patients with consistent clinical signs. Interferences: marked hemolysis or lipemia.	**0.5 mL serum in red top or serum separator tube**	**24 hours** Performed each shift

CODE	TEST NAME | DESCRIPTION | COMPONENTS	SPECIMEN	TAT*
ADD90	**PrecisionPSL Add-on** PrecisionPSL (Pancreatic Sensitive Lipase) is used to help diagnose acute pancreatitis in patients with consistent clinical signs. Interferences: marked hemolysis or lipemia.	**0.5 mL serum in red top or serum separator tube**	**24 hours** Performed each shift
SA040	**Pre-Op Screen with SDMA** Includes Total Protein, Albumin, Globulin, A/G Ratio, ALT (SGPT), Alkaline Phosphatase, BUN, Creatinine, BUN/Creat Ratio, Sodium, Potassium, Chloride, Na/K Ratio, Glucose, and SDMA A smaller chemistry which includes total protein, albumin, globulin, ALT, ALP, BUN, creatinine, glucose and SDMA. Interferences: marked hemolysis and lipemia.	**0.5 mL serum in red top or serum separator tube**	**24 hours** Performed each shift
T240 **Add-on Equivalent ADD130**	**Protein Electrophoresis (Serum)** Total protein, Albumin, Globulin, Alpha 1, Alpha 2, Beta 1, and Gamma 1 fraction assessment with interpretation. An evaluation of the globulin fraction of the serum (alpha 1, alpha 2, beta, and gamma) to determine if the globulin fraction is monoclonal based on these components. Interferences: marked hemolysis or lipemia.	**0.5 mL serum in red top or serum separator tube**	**2-4 days**
RECC	**Recheck Profile with SDMA** Total Protein, Albumin, Globulin, Albumin/Globulin Ratio, AST (SGOT), ALT (SGPT), Alkaline Phosphatase, GGT, Total Bilirubin, BUN, Creatinine, BUN/Creatinine Ratio, Phosphorous, Glucose, Calcium, Magnesium, Sodium, Potassium, Sodium/Potassium Ratio, Chloride, Cholesterol, Triglyceride, Amylase, PrecisionPSL, CPK, and SDMA	**0.5 mL serum in red top or serum separator tube**	**24 hours** Performed each shift
SA311	**Renal Profile with SDMA** Total Protein, Albumin, Globulin, Albumin/globulin Ratio, BUN, Creatinine, Phosphorous, Glucose, Calcium, Sodium, Potassium, Sodium/potassium Ratio, Chloride, and SDMA A chemistry panel which includes albumin, globulin, BUN, creatinine, phosphorous, glucose, calcium, sodium, potassium, chloride and SDMA. Interferences: marked hemolysis or lipemia.	**0.5 mL serum in red top or serum separator tube**	**24 hours** Performed each shift

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CODE	TEST NAME | DESCRIPTION | COMPONENTS	SPECIMEN	TAT*
T1035	**SDMA** SDMA (symmetric dimethylarginine) is freely filtered by the kidneys, and elevation in SDMA is indicative of a reduced glomerular filtration rate.	**0.5 mL serum in red top or serum separator tube**	**24 hours** Performed each shift
SA010	**Superchem with SDMA** Total Protein, Albumin, Globulin, Albumin/Globulin Ratio, AST (SGOT), ALT (SGPT), Alkaline Phosphatase, GGT, Total Bilirubin, BUN, Creatinine, BUN/Creatinine Ratio, Phosphorous, Glucose, Calcium, Magnesium, Sodium, Potassium, Sodium/Potassium Ratio, Chloride, Cholesterol, Triglyceride, Amylase, PrecisionPSL, CPK, and SDMA Most comprehensive chemistry profile which includes SDMA for estimation of the glomerular filtration rate (T1035). Interferences: marked hemolysis and lipemia.	**0.5 mL serum in red top or serum separator tube**	**24 hours** Performed each shift
SA120C	**Superchem with SDMA, T4** Superchem with SDMA and T4 The most comprehensive chemistry with SDMA (SA010) and a total T4. Interferences: T4 evaluation can be affected in a hemolyzed or moderately lipemic sample. Lipemia can falsely decrease T4 results. Lipemia can falsely elevate TSH results.	**0.5 mL serum in red top or serum separator tube**	**24 hours** Performed each shift
S85783	**Troponin I** Interferences: marked hemolysis.	**1.0 mL frozen serum (should be fasting, non-hemolyzed sample)**	**3-5 days (includes shipping time to Reference Lab)**
SA025	**Vet Screen with SDMA** Total Protein, Albumin, Globulin, Albumin/Globulin Ratio, AST (SGOT), ALT (SGPT), Alkaline Phosphatase, GGT, Total Bilirubin, BUN, Creatinine, BUN/Creatinine Ratio, Phosphorous, Glucose, Calcium, Sodium, Potassium, Sodium/Potassium Ratio, Chloride, Cholesterol, CPK, and SDMA A comprehensive chemistry profile with SDMA. Interferences: marked hemolysis and lipemia.	**0.5 mL serum in red top or serum separator tube**	**24 hours** Performed each shift

CODE	TEST NAME | DESCRIPTION | COMPONENTS	SPECIMEN	TAT*
SA026	**Vet Screen with Amylase, SDMA** Vet Screen with SDMA and Amylase A comprehensive chemistry profile with SDMA (SA025) to which amylase evaluation has been added. Interferences: marked hemolysis and lipemia.	**0.5 mL serum in red top or serum separator tube**	**24 hours** Performed each shift
SA1656	**Vet Screen with SDMA, T4** Vet Screen with SDMA and T4 A comprehensive chemistry with SDMA (SA025) and total T4. Interferences: T4 evaluation can be affected in a hemolyzed or moderately lipemic sample. Lipemia can falsely decrease T4 results. Lipemia can falsely elevate TSH results.	**0.5 mL serum in red top or serum separator tube**	**24 hours** Performed each shift
S16016	**Vitamin D**	**1.0 mL serum in red top or serum separator tube. Overnight fast recommended. Store and transport refrigerated or frozen (on ice packs)**	**4-10 days**

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URINE

CODE	TEST NAME | DESCRIPTION | COMPONENTS	SPECIMEN	TAT*
S16735	**Crystallographic Stone Analysis** Nidus Composition, Stone Composition and Shell Composition The report includes a comprehensive stone analysis using optical crystallography with a region-by-region stone fracture. Stone composition is provided for nidus, stone, shell, and surface. Note: Do not send in formalin.	**Dry stone in red top tube or plain container**	**5-7 days**
M134	**MIC Urine If Indicated** Urinalysis with Culture, if indicated Includes a urinalysis followed by a culture if there is any of the following: glucosuria, any bacteria visible, greater than 4 wbcs per hpf, or a urine specific gravity less than 1.020. In the case of any of the above criteria the urine will be plated by standard plate methodology and evaluated.	**7.0 mL urine in urine transport tube**	**1-4 days**
T764	**Path Review (Urinalysis)** This test can be added onto a complete urinalysis and includes sediment evaluation by a clinical pathologist.		**1-2 days**
ADD220	**Urinalysis Add-on** Includes chemical analysis (Color, Appearance, Specific Gravity, pH, Protein, Glucose, Ketones, Bilirubin, Occult blood) and microsopic evaluation of urine sediment The complete urinalysis includes a physical (color, appearance, USG), chemical (pH, protein, glucose, ketones, bilirubin, occult blood), and microscopic (WBC, RBC, casts crystals, bacteria, transitional and squamous epithelial cells, fat droplets) exam of the urine. Interferences: visible levels of hemolysis, drugs containing dyes, nitrofurantoin, or riboflavin.	**6.0 mL urine in urine transport tube**	**24 hours** Performed each shift

CODE	TEST NAME | DESCRIPTION | COMPONENTS	SPECIMEN	TAT*
T925	**Urinalysis And UPC Ratio** Urinalysis and Urine Protein/Creatinine Ratio A complete urinalysis (T760) and a urine protein to creatinine ratio (T775).	**6.5 mL urine in urine transport tube**	**1-2 days**
T760R	**Urinalysis Recheck** Includes chemical analysis (Color, Appearance, Specific Gravity, pH, Protein, Glucose, Ketones, Bilirubin, Occult blood) and microsopic evaluation of urine sediment A complete urinalysis which includes urine specific gravity, urine chemistry, and full microscopic evaluation as a follow up to a previous assessment within the last month. Interferences: visible levels of hemolysis, drugs containing dyes, nitrofurantoin, or riboflavin.	**6.0 mL urine in urine transport tube**	**24 hours** Performed each shift
T760 **Add-on Equivalent ADD220**	**Urinalysis-Complete** Includes chemical analysis (Color, Appearance, Specific Gravity, pH, Protein, Glucose, Ketones, Bilirubin, Occult blood) and microsopic evaluation of urine sediment The complete urinalysis includes a physical (color, appearance, USG), chemical (pH, protein, glucose, ketones, bilirubin, occult blood), and microscopic (WBC, RBC, casts crystals, bacteria, transitional and squamous epithelial cells, fat droplets) exam of the urine. Interferences: visible levels of hemolysis, drugs containing dyes, nitrofurantoin, or riboflavin.	**6.0 mL urine in urine transport tube**	**24 hours** Performed each shift
T227	**Urine Bile Acid: Creatinine Ratio** Evaluation of the amount of urinary bile acid present with respect to creatinine. Note: urine containing ascorbic acid may result in false positive results.	**1.0 mL urine in urine transport tube**	**1-2 days**

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CODE	TEST NAME | DESCRIPTION | COMPONENTS	SPECIMEN	TAT*
T765	**Urine Clearance Ratios** Urinary Clearance Creatinine Ratios (Phosphorous, Calcium, Sodium, Potassium, Chloride) Determination of urine fractional excretion is indicated to assess renal clearance of specific substances. Interferences: marked hemolysis or lipemia in serum.	**0.5 mL urine and 0.5 mL serum** Urine transport tube, serum in red top or serum separator tube	**1-2 days**
T770	**Urine Cortisol/Creatinine Ratio** Urine Cortisol, Urine Creatinine, and Urine Cortisol and Creatinine Ratio The urine cortisol/creatinine ratio is most commonly used as a screening test for canine hyperadrenocorticism.	**0.5 mL urine in urine transport tube**	**1-2 days**
T830C	**Urine Microalbumin Canine** Measures albumin concentration in the urine.	**0.5 mL urine in urine transport tube**	**24 hours**
T830F	**Urine Microalbumin Feline** Measures albumin concentration in the urine.	**0.5 mL urine in urine transport tube**	**24 hours**

CODE	TEST NAME | DESCRIPTION | COMPONENTS	SPECIMEN	TAT*
ADD230	**Urine Protein/Creatinine Add-on** Urine Protein, Urine Creatinine and Urine Protein and Creatinine Ratio Urine Protein/Creatinine Ratio (UPC) to determine the magnitude of the proteinuria.	**0.5 mL urine in urine transport tube**	**1-2 days**
T775 **Add-on Equivalent ADD230**	**Urine Protein/Creatinine Ratio** Urine Protein, Urine Creatinine and Urine Protein and Creatinine Ratio Urine Protein/Creatinine Ratio (UPC) to determine the magnitude of the proteinuria.	**0.5 mL urine in urine transport tube**	**1-2 days**
T310	**Urine Uric Acid/Creatinine** Urine Creatinine, Urine Uric Acid, and Urine Acid and Creatinine Ratio Used to monitor the success of preventive treatment for urate bladder stones in Dalmatian dogs. This test is not preferred to a 24-hour urine uric acid concentration. urine spot testing (urine urate: creatinine ratios) are too variable and do not correlate well with 24-hour urine urate excretion.	**0.5 mL urine in urine transport tube**	**1-2 days**
M133	**UTI Cystitis Profile with MIC Urine** Urinalysis-Complete with Urine Culture A complete urinalysis (T760), and urine culture (M130). Culture performed using *FIRST*ract methodology allowing for rapid growth within 5 hours and subsequent reporting of a positive or negative result in under 24 hours. A positive result will be immediately plated for bacterial identification and antimicrobial sensitivity testing. Interferences: patients should be off antibiotics for seven to 10 days prior to urine culture. Samples obtained via free catch and catheterization need to be interpreted carefully in light of the method of collection. Cystocentesis is the preferred sampling method for culture.	**6.5 mL urine in urine transport tube**	**1-4 days**

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ENDOCRINOLOGY

CODE	TEST NAME | DESCRIPTION | COMPONENTS	SPECIMEN	TAT*
ADD260	**Add-on Fructosamine** Serum fructosamine concentrations reflect the mean blood glucose concentrations during the preceding one to two weeks. The measurement can be used to differentiate stress hyperglycemia from diabetes mellitus. Interferences: hemolysis and lipemia.	**0.5 mL serum in red top or serum separator tube**	**24 hours** Performed each shift
S14410	**Anti-Mullerian Hormone (C/F)** A qualitative AMH test for dogs and cats is meant to distinguish between spayed and ovarian intact bitches and queens once they have reached the age of sexual maturity. This test is to be used on canine and feline species only. Interferences: marked hemolysis or lipemia. Note: serum should be separated and placed in a plain, non-additive tube. Sample must be kept cold — refrigerate or freeze after collection and send on ice packs.	**0.5 mL serum in non-additive tube (plastic preferred). Avoid use of serum separator tubes due to possible assay interference.**	**5-10 days**
ADD300	**Canine Post Pill T4 Add-on** Used for monitoring thyroid status in patients previously diagnosed as hypothyroid, being supplemented on synthetic thyroid hormone (4-6 hours post pill). Note: refrigerate and send on ice. Ideal sampling time is typically 4-6 hours post pill administration.	**0.5 mL serum in red top or serum separator tube**	**1-2 days**
T445	**Cortisol** Cortisol Assay, Single sample Single cortisol level Interferences: marked hemolysis may affect results, and marked lipemia (if unable to be cleared by centrifugation) may falsely decrease cortisol levels.	**0.5 mL serum in red top or serum separator tube**	**1-2 days**
ACTH2	**Cortisol Serial ACTH 2** Cortisol Assay, 2 Samples: Pre (Baseline) and Post ACTH Stimulation This is an ACTH stimulation test that requires two samples: one pre, one post. Results include baseline cortisol and one post-ACTH cortisol. Interferences: marked hemolysis may affect results, and marked lipemia (if unable to be cleared by centrifugation) may falsely decrease cortisol levels.	**0.5 mL serum in red top or serum separator tube for baseline sample (labeled Pre) and 0.5 serum in red top or serum separator tube for post sample (labeled Post)**	**1-2 days**

CODE	TEST NAME | DESCRIPTION | COMPONENTS	SPECIMEN	TAT*
ACTH3	**Cortisol Serial ACTH 3** Cortisol Assay, 3 Samples: Pre (Baseline) and 2 Post ACTH Stimulation This is an ACTH stimulation test that requires three samples. One pre cortrosyn administration and then two post at established intervals. Interferences: marked hemolysis may affect results, and marked lipemia (if unable to be cleared by centrifugation) may falsely decrease cortisol levels.	**0.5 mL serum in red top or serum separator tube for baselin esample (labeled Pre) and 0.5 serum in red top or serum separator tube for each post sample (post samples labeled Post)**	**1-2 days**
ACTH4	**Cortisol Serial ACTH 4** Cortisol Assay, 4 Samples: Pre (Baseline) and 3 Post ACTH Stimulation This is an ACTH stimulation test that requires four samples. On pre cortrosyn administration and then 3 post at set intervals. Interferences: marked hemolysis may affect results, and marked lipemia (if unable to be cleared by centrifugation) may falsely decrease cortisol levels.	**0.5 mL serum in red top or serum separator tube for baseline sample (labeled Pre) and 0.5 serum in red top or serum separator tube for each post sample (post samples labeled Post)**	**1-2 days**
DEX2	**Cortisol Serial DEX 2** Cortisol Assay, 2 Samples: Pre (Baseline) and Post Dexamethasone Suppression This test measures cortisol concentrations before and after administration of exogenous dexamethasone (0 hours followed by an 8-hour sample). This is only a two cortisol assay. The low dose dexamethasone suppression test, a three cortisol sample test (mnemonic CDEX3), is preferred for diagnosing hyperadrenocorticism. The high-dose dexamethasone suppression test, a three cortisol sample test, is used to differentiate pituitary-dependent from adrenal tumor hyperadrenocorticism. Interferences: marked hemolysis may affect results, and marked lipemia (unable to be cleared by centrifugation) may falsely decrease cortisol levels.	**0.5 mL serum in red top or serum separator tube for baseline sample (labeled Pre) and 0.5 serum in red top or serum separator tube for post sample (labeled Post)**	**1-2 days**
DEX3	**Cortisol Serial DEX 3** Cortisol Assay, 3 Samples: Pre (Baseline) and 2 Post Dexamethasone Suppression This test measures cortisol concentrations before and after administration of exogenous dexamethasone. This suppression test requires three samples; baseline cortisol prior to dexamethasone administration and two cortisol levels post dexamethasone administration (4 and 8 hours). The low-dose dexamethasone suppression test is preferred for diagnosing hyperadrenocorticism. The high-dose dexamethasone suppression test is used to differentiate pituitary-dependent from adrenal tumor hyperadrenocorticism. Interferences: marked hemolysis may affect results, and marked lipemia (unable to be cleared by centrifugation) may falsely decrease cortisol levels.	**0.5 mL serum in red top or serum separator tube for baseline sample (labeled Pre) and 0.5 serum in red top or serum separator tube for each post sample (post samples labeled Post)**	**1-2 days**

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CODE	TEST NAME | DESCRIPTION | COMPONENTS	SPECIMEN	TAT*
DEX4	**Cortisol Serial DEX 4** Cortisol Assay, 4 Samples: Pre (Baseline) and 3 Post Dexamethasone Suppression This test measures cortisol concentrations before and after administration of exogenous dexamethasone. This suppression test includes four samples; baseline cortisol prior to dexamethasone administration and three additional cortisol samples post dexamethasone administration (last occurring at 8 hours). Samples taken at 2 or 6 hours are interpreted similarly to those obtained at 4 hours. Interferences: marked hemolysis may affect results, and marked lipemia (unable to be cleared by centrifugation) may falsely decrease cortisol levels.	**0.5 mL serum in red top or serum separator tube for baselin esample (labeled Pre) and 0.5 serum in red top or serum separator tube for each post sample (post samples labeled Post)**	**1-2 days**
T435	**Endogenous ACTH** Endogenous ACTH used for small animal testing. Note: endogenous ACTH is extremely labile. Immediately separated and frozen EDTA-plasma without aprotinin may be acceptable but is NOT the preferred sample. Serum or heparinized plasma is not acceptable for endogenous ACTH testing. Call lab to obtain an aprotinin-treated lavender top tube and transfer tube.	**1.0 mL aprotinin treated EDTA plasma in non-additive transport tube (labeled as AP treated plasma). Transport refrigerated (on ice packs)**	**2-3 days**
T460 **Add-on Equivalent ADD50**	**Free T4 By Equilibrium Dialysis** Note: this test should not be performed as an add-on to samples older than 72 hours.	**0.5 mL serum in red top or serum separator tube**	**2-3 days**
ADD50	**Free T4 Equilibrium Dialysis Add-on**	**0.5 mL serum in red top or serum separator tube**	**2-3 days**
S16345 **Add-on Equivalent ADD260**	**Fructosamine Assay** Fructosamine Interferences: hemolysis and lipemia may affect results.	**0.5 mL serum in red top or serum separator tube**	**24 hours**
T497 **Add-on Equivalent ADD300**	**Hypothyroid Post Pill T4** Used for monitoring thyroid status in patients previously diagnosed as hypothyroid, being supplemented on synthetic thyroid hormone (4-6 hours post pill). Note: draw serum 4-6 hours post pill.	**0.5 mL serum in red top or serum separator tube**	**1-2 days**

CODE	TEST NAME | DESCRIPTION | COMPONENTS	SPECIMEN	TAT*
T470	**Insulin with Glucose** Interferences: marked hemolysis and lipemia. Note: generally used to evaluate for the presence of an insulinoma. Concurrent blood glucose concentration should be below 60 mg/dL (3.3 mmol/L) when serum insulin levels are measured. Not to be used on patients receiving exogenous insulin without an appropriate withdrawal period.	**0.5 mL serum in red top or spun serum separator tube**	**1-2 days**
T470F	**Insulin Feline with Glucose** Submission of a single serum sample where a blood glucose (ideal BG less than 50 mg/dL or 2.8 mmol/L) is assessed along side an insulin level. Interferences: marked hemolysis. Note: generally used to evaluate for the presence of an insulinoma. Concurrent blood glucose concentration should be below 60 mg/dL (3.3 mmol/L) when serum insulin levels are measured. Not to be used on patients receiving exogenous insulin without an appropriate withdrawal period.	**0.5 mL serum in red top or serum separator tube**	**3-7 days**
S16520	**Luteinizing Hormone** Interferences: marked hemolysis or lipemia. Store refrigerated up to 24 hours. Freeze for longer storage.	**0.5 mL serum in red top or serum separator tube**	**1-3 days**
S86698	**Malignancy Profile** Ionized Calcium, Parathyroid Hormone, and Parathormone Related Protein Evaluation of the ionized fraction of calcium concurrent with parathyroid hormone and parathyroid hormone related protein.	**Ionized calcium:** 2.0 mL serum anaerobically transferred from spun red top or serum separator tube into a plain, unopened red top tube. **PTH:** 1 mL frozen serum in plain transport tube. **PTHrP:** 1.0 mL frozen EDTA plasma in plain transport tube. Include patient history with submission.	**7-10 days**

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CODE	TEST NAME | DESCRIPTION | COMPONENTS	SPECIMEN	TAT*
SA1528	**OFA Thyroid Panel** OFA, OFA Interpretation, Free T4 by ED, TSH, Thyroglobulin Auto Antibody The Orthopedic Foundation for Animals (OFA) thyroid panel for dogs includes a FT4 by ED, thyroid stimulation hormone and thyroglobulin auto antibody. Include OFA form in submission. Interferences: T4 evaluation can be affected in a hemolyzed or moderately lipemic sample. Lipemia can falsely decrease T4 results. Lipemia can falsely elevate TSH results.	**2.0 mL serum in red top tube. Do not use serum separator tube for submission.**	**OFA will issue report (with results) directly to submitting client**
S16596	**Parathormone Related Protein** Determines the presence of the parathormone-related protein (PTHrp). Interferences: marked hemolysis or lipemia Note: submit frozen plasma and label submisson tube as plasma PTHrP.	**1.0 mL frozen EDTA plasma in plain transport tube, collected as whole blood in lavender top tube (spin and separate plasma into plain transport tube). Include patient history.** Frozen plasma (Call customer service for specimen handling protocol: 1-800-872-1001, dial 0)	**7-14 days**
T448	**Post Cortisol** A single cortisol level, submitted as a post, used to complete an ACTH stimulation or dexamethasone suppression test (8 hours). Interferences: marked lipemia.	**0.5 serum in red top or serum separator tube (labeled Post)**	**1-2 days**
T475	**Progesterone** Progesterone level Interferences: serum separator gel may interfere with test.	**0.5 mL serum in red top tube. Submission of serum separator tube is not recommended.**	**1-2 days**
S16595	**PTH, Ionized Calcium** Evaluates the total calcium, ionized calcium, and parathyroid hormone to further define the cause of abnormalities in calcium homeostasis. Note: serum samples must be anaerobically obtained (exposure to air may artifactually decrease ionized calcium). Samples should not be transported in serum separator tubes. Transfer serum into two plain red top tubes and label as serum ionized calcium and serum PTH. Samples should be frozen and sent on ice.	**2.0 mL serum anaerobically transferred from spun red top or serum separator tube into a plain, unopened red top tube, stored and transported frozen along with patient history**	**7-10 days**

CODE	TEST NAME | DESCRIPTION | COMPONENTS	SPECIMEN	TAT*
T480	**T3** Tri-iodothyronine (T3)	**0.5 mL serum in red top or serum separator tube**	**1-2 days**
SA430	**T3 Suppression** T4, T3, Post Pill T3 and Post Pill T4 The submission of two separate serum samples (baseline T3/T4 and a post T3/T4). The second sample (post T3/T4) is obtained following a specific protocol of oral liothyronine sodium administration.	**0.5 mL serum (labeled Pre) and 0.5 serum (labeled Post) in red top or serum separator tubes**	**1-2 days**
T495 **Add-on Equivalent ADD190**	**T4** Total T4 Interferences: marked hemolysis and moderate to marked lipemia. Lipemia can falsely decrease T4 results.	**0.5 mL serum in red top or serum separator tube**	**24 hours** Performed each shift
ADD190	**T4 Add-on** Total T4 as an add-on test to a previous profile. Interferences: marked hemolysis and moderate to marked lipemia.	**0.5 mL serum in red top or serum separator tube**	**24 hours** Performed each shift
SA401	**T4, TSH** Thyroid panel including a total T4 and thyroid stimulating hormone (TSH). Interferences: T4 evaluation can be affected in a hemolyzed or moderately lipemic sample. Lipemia can falsely decrease T4 results. Lipemia can falsely elevate TSH results.	**0.5 mL serum in red top or serum separator tube**	**1-2 days**
S16760	**Testosterone** Single testosterone level	**0.5 mL serum in red top or serum separator tube**	**3-5 days**
T505	**Thyroglobulin Auto Antibody** Canine Thyroglobulin Auto Antibody Level Thyroglobulin auto antibody is used to confirm the presence of autoimmune thyroiditis.	**0.5 mL serum in red top or serum separator tube**	**1-5 days**

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CODE	TEST NAME | DESCRIPTION | COMPONENTS	SPECIMEN	TAT*
SA360	**Thyroid 1** T4 and T3 Used to evaluate T4 and T3 levels. Interferences: T4 evaluation can be affected in a hemolyzed or moderately lipemic sample. Lipemia can falsely decrease T4 results. Lipemia can falsely elevate TSH results.	**0.75 mL serum in red top or serum separator tube**	**1-2 days**
SA370	**Thyroid Profile 2** T4, Free T4 by Equilibrium Dialysis Panel includes a total T4 and free T4 by Equilibrium Dialysis (FT4 ED). Interferences: T4 evaluation can be affected in a hemolyzed or moderately lipemic sample. Lipemia can falsely decrease T4 results. Lipemia can falsely elevate TSH results.	**1.0 mL serum in red top or serum separator tube**	**1-3 days**
SA380	**Thyroid Profile 3** Total T4, Free T4 By Equilibrium Dialysis, and TSH Panel includes a total T4, free T4 by Equilibrium Dialysis (FT4 ED), and thyroid stimulating hormone (TSH). Interferences: T4 evaluation can be affected in a hemolyzed or moderately lipemic sample. Lipemia can falsely decrease T4 results. Lipemia can falsely elevate TSH results.	**1.5 mL serum in red top or serum separator tube**	**1-3 days**
SA400	**Thyroid Profile 5** T4, Free T4 By Equilibrium Dialysis, TSH, and Thyroglobulin Auto Antibody Panel includes a total T4, free T4 by Equilibrium Dialysis (FT4 ED), thyroid stimulating hormone (TSH), and thyroglobulin autoantibody (TGAA). Interferences: T4 evaluation can be affected in a hemolyzed or moderately lipemic sample. Lipemia can falsely decrease T4 results. Lipemia can falsely elevate TSH results.	**2.0 mL serum in red top or serum separator tube**	**1-5 days**
SA410	**Thyroid Profile 6** T3, T4, Free T4 By Equilibrium Dialysis, T3 Autoantibodies, T4 Autoantibodies, TSH, and Thyroglobulin Auto Antibody Panel includes total T3, T3 autoantibody, total T4, free T4 by Equilibrium Dialysis (FT4 ED), T4 autoantibody, thyroid stimulating hormone (TSH), and thyroglobulin autoantibody (TGAA). Interferences: T4 evaluation can be affected in a hemolyzed or moderately lipemic sample. Lipemia can falsely decrease T4 results. Lipemia can falsely elevate TSH results.	**2.5 mL serum in red top or serum separator tube**	**1-5 days**
T510 **Add-on Equivalent ADD200**	**TSH** Thyroid stimulating hormone (TSH) Interferences: marked lipemia.	**0.5 mL serum in red top or serum separator tube**	**1-2 days**

CODE	TEST NAME | DESCRIPTION | COMPONENTS	SPECIMEN	TAT*
ADD200	**TSH Add-on** Thyroid stimulating hormone (TSH) Interferences: marked lipemia.	**0.5 mL serum in red top or serum separator tube**	**1-2 days**
SA390 **Add-on Equivalent SA390ADD**	**TSH, Free T4 ED** TSH, Free T4 ED by Equilibrium Dialysis Panel that includes a free T4 by Equilibrium Dialysis (FT4 ED) and thyroid stimulating hormone (TSH). Interferences: T4 evaluation can be affected in a hemolyzed or moderately lipemic sample. Lipemia can falsely decrease T4 results. Lipemia can falsely elevate TSH results.	**1.0 mL serum in red top or serum separator tube**	**1-3 days**

INFECTIOUS

CODE	TEST NAME | DESCRIPTION | COMPONENTS	SPECIMEN	TAT*
AC100 **Add-on Equivalent ADD111**	**Accuplex®** Heartworm, *Borrelia burgdorferi*, *E. canis*, *Anaplasma phagocytophilum* This is a canine vector-borne disease screening test for Heartworm (Ag), Lyme disease (includes screening for antibodies against two C6 peptides), *E. canis*, and *A. phagocytophilum*.	**0.5 mL serum in red top or serum separator tube**	**1-2 days**
AC617	**Accuplex® with Microfilaria Knotts** Includes a canine vector-borne disease screening test for Heartworm (Ag), Lyme disease (includes screening for antibodies against two C6 peptides), *E. canis*, and *A. phagocytophilum* (AC100) to which a Knotts is added to detect Microfilaria.	**0.5 mL serum, and EDTA 1.0 mL whole blood** Serum in red top or serum separator tube, lavender top	**1-2 days**
S16872	***Anaplasma phagocytophilum* Ab** Used to detect antibodies against *Anaplasma phagocytophilum* by IFA methodology. Exposure does not necessarily indicate that clinical signs are caused by infection. Canine only.	**1.0 mL serum in red top or serum separator tube**	**1-4 days**
S16070	***Babesia canis*** Detects the presence of antibody to *Babesia canis*. Performed by IFA.	**0.5 mL serum in red top or serum separator tube**	**7-10 days**
S16075	***Babesia gibsoni*** Detects the presence of antibody to *Babesia gibsoni*. Performed by IFA.	**0.5 mL serum in red top or serum separator tube**	**7-10 days**
S16502	***Babesia gibsoni* IFA, Export** This test evaluates the presence of antibodies to *Babesia gibsoni*, as required for export to specific countries. Ensure export test requirements prior to test submission.	**1.0 mL serum in red top or serum separator tube**	**7-10 days**
S85889	***Bartonella henselae*, ELISA** Evaluation of antibody indicating previous exposure to *Bartonella henselae* or *Bartonella clarridgeiae* (ELISA methodology). Note: recently infected cats may not have seroconverted. Titer magnitude does not prove current infection or relevant clinical disease. Active infection is suggested by a rising titer (a four-fold increase over two weeks).	**0.5 mL serum in red top or serum separator tube**	**5-7 days**

CODE	TEST NAME | DESCRIPTION | COMPONENTS	SPECIMEN	TAT*
T530	**Brucella *canis* - Screen** This test is species-specific (dogs only). This is a screening test performed at 1:50 dilution. A titer is not performed. Note: canine only. Test will not detect antibodies against *B. suis*, *B. melitensi*, and *B. abortus*. Use the *Brucella* AGID test if a dog may have been infected with *Brucella* from other species (e.g., from cattle, sheep, goats, pigs, sheep). Do not use this test for export.	**0.5 mL serum in red top tube or serum separator tube**	**1-3 days**
S16131	**Brucella Screen Multiplex** *Brucella* Screen Multiplex. Includes confirmatiry testing with *Brucella* Slide Agglutination and AGID for samples with non-negative screen results An antibody detection for *Babesia canis* antigen via the Canine *Brucella* Multiplex Assay. Samples undergo sequential testing dependent upon initial results. If the Multiplex assay is positive, further testing is performed by Canine *Brucella* Slide Agglutination and AGID testing at no additional cost. Note: canine only. This test can detect antibodies against *B. canis*, *B. suis*, *B. melitensi* and *B. abortus*.	**1.0 mL serum in red top tube or serum separator tube**	**7-10 days**
SA265	**C5 Cat Viral** FeLV Antigen ELISA, Feline Coronavirus Titer, FIV Antibody Panel that assesses possible infectious etiologies including FeLV (antigen detection), FIV (antibody detection), and feline coronavirus (antibody detection) for the exhibited clinical signs. Interferences: marked hemolysis or lipemia may result in false positive results on the FeLV Antigen ELISA.	**0.75 mL serum in red top tube or serum separator tube**	**1-3 days**
S16135	**Calici Virus - IFA** Calici Virus A serology test evaluating for IgG antibody levels by IFA suggesting Feline calicivirus exposure. Interferences: sample submitted in tubes with separator gel.	**0.5 mL serum in red top tube. Submission in serum separator tube is not recommended.**	**10-12 days**
T555	**Canine Distemper Titer IgG, IgM** This test provides an IgM and IgG titer for Canine Distemper. Titer pattern needs to be interpreted in light of the patient (duration of illness, clinical signs, vaccine history). Paired serology may be needed to confirm recent exposure. Interferences: marked hemolysis or marked lipemia if unable to clear by centrifugation.	**0.5 mL serum in red top or serum separator tube**	**1-3 days**
ADD04	**Cocci AGID Add-on** Serology by agar gel immunodiffusion (AGID) used most frequently to screen for exposure to *Coccidioides immitis*. This is an antibody test evaluating both IgM and IgG antibody. Interferences: lipemia.	**0.5 mL serum in red top or serum separator tube**	**3-5 days**

CODE	TEST NAME | DESCRIPTION | COMPONENTS	SPECIMEN	TAT*
T535 **Add-on Equivalent ADD04**	**Coccidioidomycosis, Screen and Titer** Serology by agar gel immunodiffusion is used most frequently to screen for exposure to *Coccidoides*. This is a titer test for antibodies directed against *Coccidioides immitis* (aka Valley Fever). Interferences: lipemia.	**0.5 mL serum in red top or serum separator tube**	**3-5 days**
T550	**Cryptococcal Antigen** Used as a diagnostic test for Cryptococcosis. Detects the presence of *Cryptococcal* antigen. Interferences: marked hemolysis and lipemia. Note: serum and CSF submitted in a plain tube (white top or red top) is the only acceptable specimens. Plasma (any type) is not an acceptable specimen for this test. Body cavity fluid (e.g., CSF) cannot be submitted in a tube containing anticoagulant (e.g., LT) because the anticoagulant may invalidate the test.	**0.5 mL serum or fluid in red top tube or plain (non-additive) transport tube**	**2-3 days**
T570 **Add-on Equivalent ADD05**	***Ehrlichia canis*** This test detects antibodies (IgG) directed against *Ehrlichia canis*. Interferences: marked hemolysis and lipemia. Canine only. Test is not valid for export purposes.	**0.5 mL serum in red top or serum separator tube**	**1-2 days**
ADD05	***Ehrlichia canis* Add-on** Antibodies for *Ehrlichia canis* evaluated for by IFA. Interferences: marked hemolysis or lipemia.	**0.5 mL serum in red top or serum separator tube**	**1-2 days**
S16900	**Ehrlichiosis Serology Panel Canine** *Ehrlichia canis*, *Anaplasma phagocytophilum* AB, *Neorickettsia risticii* AB Evaluates for the presence of antibodies indicating exposure to *Ehrlichia canis*, *Anaplasma phagocytophilum*, and *Neorickettsia risticii*. Interferences: marked hemolysis and lipemia.	**2.0 mL serum in red top or serum separator tube**	**1-7 days**
T812	**Fecal Combo with Heartworm** Heartworm Antigen, Fecal O&P, Centrifugation, *Giardia* Detection of heartworm antigen and fecal analysis via zinc sulfate centrifugation/flotation and *Giardia* ELISA for ova and parasite detection (T808). Note: sample should be evaluated within 24 hours of collection. If a worm has been identified in the sample, separate the worm and place in a container labeled Worm in black marker. Additionally, indicate Worm on TRF type included with submission.	**0.5 mL serum and 6 grams feces** Serum in red top or serum separator tube, Antech provided fecal container	**1-2 days**
T593	**Feline Coronavirus Exposure Titer** This test is run at a dilution of 1:25. The purpose of this test is to determine if a cat has any evidence of exposure to any coronavirus (FIP or enteric coronavirus).	**0.5 mL serum in red top or serum separator tube**	**1-3 days**

CODE	TEST NAME | DESCRIPTION | COMPONENTS	SPECIMEN	TAT*
T595	**Feline Coronavirus Titer** This test determines if a cat has antibody titers against Feline Coronavirus (FCV). Titers are determined at 1:400 and 1:1600. A result of less than 1:400 is not the same as a negative titer. A titer of less than 1:400 indicates that the cat does not have high antibody concentrations against FCV. Interferences: marked hemolysis and lipemia.	**0.5 mL serum in red top or serum separator tube**	**1-3 days**
SA270	**Feline Serology 2** FeLV Antigen ELISA, FIV Antibody, Feline Coronavirus Titer, *Cryptococcal* Antigen, *Toxoplasma* Ab - IgG/IgM Panel that assesses possible infectious etiologies including FeLV (T580), FIV (T610), feline coronavirus (T595), *Cryptococcus neoformans* (T550), and *Toxoplasma gondii* (T720) for the exhibited clinical signs. Interferences: marked hemolysis or lipemia may result in false positive results on the FeLV Antigen ELISA.	**1.0 mL serum in red top or serum separator tube**	**1-3 days**
SA262	**Feline Serology, FeLV, FIV, Toxo AB IgG/IgM** FeLV Antigen ELISA, FIV Antibody, *Toxoplasma* Ab - IgG/IgM Panel that assesses possible infectious etiologies including FeLV (T580), FIV (T610), and *Toxoplasma gondii* (T720) for the exhibited clinical signs. Interferences: marked hemolysis or lipemia may result in false positive results on the FeLV Antigen ELISA.	**1.0 mL serum in red top or serum separator tube**	**1-2 days**
T580 **Add-on Equivalent ADD06**	**FeLV Antigen ELISA** Test detects FeLV antigen by ELISA methodology. Interferences: marked hemolysis or lipemia may cause false positive results.	**0.5 mL serum in red top or serum separator tube**	**1-2 days**
ADD06	**FeLV Antigen ELISA Add-on** Test detects FeLV antigen by ELISA methodology. Interferences: marked hemolysis or lipemia. marked hemolysis or lipemia may result in false positive results.	**0.5 mL serum in red top or serum separator tube**	**1-2 days**
T585	**FeLV IFA** This is an immunofluorescence assay run on blood or bone marrow smears to look for evidence that Feline Leukemia Virus (FeLV) has infected the cat's bone marrow. Note: requires unstained blood or bone marrow smears.	**2 freshly prepared, unstained blood smears or 2 bone marrow smears.**	**1-3 days**
S6234	**FeLV PCR** Used to detect FeLV using PCR in cases where ELISA and IFA are inconclusive. Results are reported as positive or negative. Note: samples should be refrigerated	**1 to 5 grams bone marrow in leakproof container OR 1.0 mL EDTA whole blood in lavender top tube**	**7-10 days**

CODE	TEST NAME | DESCRIPTION | COMPONENTS	SPECIMEN	TAT*
ADD07	**FeLV, FIV ELISA Add-on** FeLV Antigen ELISA, FIV AB Evaluation for the presence of FeLV antigen (ELISA) and FIV antibodies (IFA). Interferences: marked hemolysis and lipemia. marked hemolysis or lipemia may result in false positive results on the FeLV Antigen ELISA.	**0.5 mL serum in red top or serum separator tube**	**1-2 days**
SA260 **Add-on Equivalent ADD07**	**FeLV, FIV Special** FeLV Antigen ELISA, FIV Antibody Evaluation for the presence of FeLV antigen (ELISA) and FIV antibodies (IFA). Interferences: marked hemolysis or lipemia may result in false positive results on the FeLV Antigen ELISA.	**0.5 mL serum in red top or serum separator tube**	**1-2 days**
SA266	**FeLV, FIV, Feline Heartworm Antigen** FeLV Antigen ELISA, FIV Antibody, Heartworm Antigen, Feline Evaluation for the presence of FeLV antigen (ELISA), antibodies to FIV (IFA), and heartworm antigen. Interferences: marked hemolysis or lipemia may result in false positive results on the FeLV Antigen ELISA.	**0.5 mL serum in red top or serum separator tube**	**1-2 days**
SA269	**FeLV, FIV Heartworm Ab** FeLV Antigen ELISA, FIV Antibody, Heartworm Antibody, Feline Evaluation for the presence of FeLV antigen (ELISA), FIV (IFA) and heartworm antibody. Interferences: marked hemolysis or lipemia may result in false positive results on the FeLV Antigen ELISA.	**0.5 mL serum in red top or serum separator tube**	**1-2 days**
T610 **Add-on Equivalent ADD15**	**FIV Antibody** Evaluation for the presence of FIV antibody by IFA.	**0.5 mL serum in red top or serum separator tube**	**1-2 days**
ADD15	**FIV Antibody Add-on** Evaluation for the presence of FIV antibody by IFA.	**0.5 mL serum in red top or serum separator tube**	**1-2 days**
T613	**Heartworm Ag-Heat-Treated Serum** Heartworm Antigen using heat-treated serum This test is to be done on HW negative samples that are thought to be false negative because of antigen/antibody complexes. This test is NOT recommended for samples that are already HW antigen-positive or borderline positive. Interferences: marked hemolysis or lipemia. Marked hemolysis may cause false positive result. Marked lipemia may cause false negative results.	**1.0 mL serum in red top or serum separator tube**	**1-3 days**

CODE	TEST NAME | DESCRIPTION | COMPONENTS	SPECIMEN	TAT*
T625	**Heartworm Antibody, Feline** Heartworm Antibody, Feline This test evaluates for antibodies consistent with heartworm exposure. Interferences: marked hemolysis and lipemia.	**0.5 mL serum in red top or serum separator tube**	**1-2 days**
T630	**Heartworm Antibody, Antigen Feline** This test evaluates for antibodies consistent with heartworm exposure and antigens consistent with the presence of female adult heartworm. Interferences: marked hemolysis and lipemia.	**0.5 mL serum in red top or serum separator tube**	**1-2 days**
T615 **Add-on Equivalent ADD70**	**Heartworm Antigen** This test evaluates for the presence of heartworm antigen. Interferences: marked hemolysis and lipemia.	**1.0 mL serum in red top or serum separator tube**	**1-2 days**
T620	**Heartworm Antigen** This test evaluates for the presence of heartworm antigen. Interferences: marked hemolysis and lipemia.	**1.0 mL serum in red top or serum separator tube**	**1-2 days**
T617	**Heartworm Antigen, Microfilaria** Microfilaria - Knotts, Heartworm Antigen This test evaluates for the presence of heartworm antigen (female adult heartworm) and a Knotts test is performed to evaluate for microfilariae. Interferences: marked hemolysis and lipemia.	**0.5 mL serum in red top or serum separator tube and 1.0 mL EDTA whole blood in lavender top tube**	**1-2 days**
ADD70	**Heartworm Antigen Add-on** This test evaluates for the presence of heartworm antigen. Interferences: marked hemolysis and lipemia.	**0.5 mL serum in red top or serum separator tube**	**1-2 days**
T618	**Heartworm, Ova and Parasite** Heartworm Antigen, Fecal O&P with Centrifugation Heartworm antigen detection and fecal analysis via zinc sulfate centrifugation/flotation for ova and parasite detection (T805).	**0.5 mL serum and 5 grams feces** Serum in red top or serum separator tube, Antech provided fecal container	**1-2 days**
T380 **Add-on Equivalent ADD20**	**Hemotrophic *Mycoplasma*** *Mycoplasma haemofelis* Microsopic evaluation of a fresh blood smear for hemotropic *Mycoplasma*. Interferences: marked hemolysis.	**1.0 mL EDTA whole blood in lavender top tube**	**24 hours**

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CODE	TEST NAME | DESCRIPTION | COMPONENTS	SPECIMEN	TAT*
ADD20	**Hemotropic *Mycoplasma* Add-on** Microsopic evaluation of a fresh blood smear for hemotropic *Mycoplasma*. Interferences: marked hemolysis.	**1.0 mL EDTA whole blood in lavender top tube**	**24 hours**
T640	***Histoplasma* Antibody** Evaluates for antibodies consistent with exposure to *Histoplasma* spp. (AGID). Results are reported as positive or negative. Interferences: marked hemolysis and lipemia. Note: the *Histoplasma* antigen test is prefered to the antibody test for serologic diagnosis of histoplasmosis.	**0.5 mL serum in red top or serum separator tube**	**2-3 days**
S86569	***Histoplasma capsulatum* Ag, EIA**	**2.0 mL urine in urine transport tube**	**5-7 days**
S16405	***Histoplasma* Titer** Detection of antibody indicating exposure to *Histoplasma* spp. Titer provided.	**1.0 mL serum in red top or serum separator tube**	**9-12 days**
S86096	**Influenza - Canine Acute** H3N8 and H3N2 influenza antibody detection Used to detect for the presence of antibody to H3N8 and H3N2 influenza viruses.	**1.0 mL serum in red top tube**	**10-14 days**
S16510	**Leptospirosis** *L. pomona, L. icterohemorrhagiae, L. canicola, L. grippotyphossa, L. hardjo, L. autumnalis, L. bratislava* The results of this test include a semi-quantitative titer for serovars. Interferences: recent vaccination (within one month) may interfere with testing. Note: test is not species specific.	**1.0 mL serum in red top tube or serum separator tube**	**3-5 days**
T670	**Lyme Titer IgG** Detection of IgG consistent with exposure (natural or vaccinal) to *Borrelia burgdorferi*. Interferences: marked hemolysis and lipemia. Note: test does not distinguish between natural and vaccinal Lyme exposure.	**0.5 mL serum in red top or serum separator tube**	**1-2 days**

CODE	TEST NAME | DESCRIPTION | COMPONENTS	SPECIMEN	TAT*
T390	**Microfilaria - Knotts** This is a concentration test involving whole blood that is more sensitive than the examination of a peripheral blood smear to determine the presence of microfilariae. Interferences: marked hemolysis.	**1.0 mL EDTA whole blood in lavender top tube**	**1-2 days**
S16560	***Neospora* Caninum - IFA** Results are expressed as an antibody titer consistent with exposure to *Neospora caninum*.	**1.0 mL serum in red top or serum separator tube**	**7-10 days**
T695	**Parvovirus Antigen** Detects parvovirus antigen in fecal samples. Note: modified live virus vaccination for parvovirus may give false-positive results for about two weeks after vaccination. A negative test does not rule out parvovirus infection.	**5 grams feces in Antech provided fecal container**	**1-2 days**
S1204	**Rabies Diagnostic Non-Export** Rabies Antibody Titer, Non-export Results are reported as an antibody titer. Note: not to be used for export. In the case of export, the individual country's guidelines for testing need to be reviewed. With regards to Rabies vaccination guidelines and the utility of titers, the clinician is recommended to refer to state/provincial guidelines for vaccination requirements.	**1.5 mL serum in red top or serum separator tube**	**3-4 weeks**
S17108	**Rabies Export - FAVN** Rabies Antibody Titer, Export by FAVN Evaluation of rabies titer by flourescent antibody virus neutralization. Interferences: marked hemolysis or lipemia. Note: complete FAVN form. For the post rabies vaccination, wait at least 3-4 weeks prior to drawing the sample.	**1.5 mL serum in red top or serum separator tube (with FAVN form)**	**3-4 weeks**
T715	**Rocky Mt Spotted Fever IFA** Evaluates for IgG antibody consistent with exposure to *Rickettsia rickettsii*. Interferences: marked hemolysis and lipemia.	**0.5 mL serum in red top or serum separator tube**	**1-2 days**
T720	***Toxoplasma* Ab - IgG/IgM (Feline)** *Toxoplasma* Ab - IgG/IgM (Feline) Detection of IgG and IgM antibodies to *Toxoplasma gondii*. Interferences: marked hemolysis and lipemia. This code is for domestic cats only. Alternative codes are available for canines and exotic animals (including felines).	**0.5 mL serum in red top or serum separator tube**	**1-2 days**

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CODE	TEST NAME | DESCRIPTION | COMPONENTS	SPECIMEN	TAT*
S18708	***Toxoplasma gondii* PCR** Used to evaluate for the presence of *Toxoplasma gondii* in cases where toxoplasmosis is suspected.	**0.5 mL EDTA whole blood OR transtracheal wash, OR BAL, OR lymph node aspirate**	**7-10 days**
S85030	**Toxoplasmosis IgG/IgM** *Toxoplasma* IgG, *Toxoplasma* IgM Detection of IgG and IgM antibodies to *Toxoplasma gondii*. Note: when submitting CSF, it is recommended that serum be submitted as well.	**1.0 mL serum (canine) in red top or serum separator tube**	**5-7 days**
S85819	***Tritrichomonas* PCR** Used to evaluate for the presence of *Tritrichomonas foetus* in the feces of a patient with the appropriate clinical signs. Note: feces should be diarrheic and not be contaminated with cat litter. Fecal samples collected using a fecal loop are preferred.	**0.3 grams feces in Antech provided container**	**1-2 days**
S16581	**Vaccine Panel Panleukopenia, Rhino, Calici** Feline Panleukopenia, Rhinotracheitis, and Calicivirus Vaccinal Titers This is a semi-quantitative titer that is correlated to the amount of protective humoral antibody present in relation to previous feline panleukopenia (S16053), rhinotracheitis (S16702), and calicivirus vaccination (S16112).	**2.5 mL serum in red top or serum separator tube**	**3-14 days**
T820 **Add-on Equivalent ADD250**	***Giardia* ELISA** The *Giardia* antigen capture Enzyme- linked Immunosorbent Assay (ELISA) is a fecal procedure designed to detect a *Giardia* specific antigen.	**5 grams feces in Antech provided fecal container**	**1-2 days**
ADD250	***Giardia* ELISA Add-on** The *Giardia* antigen capture Enzyme- linked Immunosorbent Assay (ELISA) is a fecal procedure designed to detect a *Giardia* specific antigen. Interferences: *Giardia* ELISA should be interpreted in conjunction with fecal flotation/centrifugation and clinical signs.	**5 grams feces in Antech provided fecal container**	**1-2 days**
T806	**O&P Centrifugation, Smear** Fecal ova and parasites and direct smear evaluation. O&P samples are appropriately mixed with zinc sulfate solution, centrifuged, followed by flotation and slide evaluation. Fecal direct smear evaluation is used to check for adult protozoal organisms. Note: sample should be evaluated within 24 hours of collection for O&P. For protozoal organisms, smears should be fresh and are best evaluated in-house immediately after sample collection. If a worm has been identified in the sample, separate the worm and place it in a container labeled Worm in black. Additionally, mark Worm on the TRF being submitted with the sample.	**5 grams feces in Antech provided fecal container**	**1-2 days**

CODE	TEST NAME | DESCRIPTION | COMPONENTS	SPECIMEN	TAT*
T805	**Ova and Parasite** Fecal ova and parasite detection. Samples are appropriately mixed with zinc sulfate solution, centrifuged, followed by flotation and slide evaluation. Note: sample should be evaluated within 24 hours of collection. If a worm has been identified in the sample, separate the worm and place it in a container labeled Worm in black, additionally mark Worm on the TRF being submitted with the sample.	**5 grams feces in Antech provided fecal container**	**1-2 days**
T808	**Ova and Parasite with *Giardia*** Fecal ova and parasites and *Giardia* Ag detection by ELISA. O&P samples are appropriately mixed with zinc sulfate solution, centrifuged, followed by flotation and slide evaluation. *Giardia* ELISA is considered more sensitive than a single floatation test. Note: sample should be evaluated within 24 hours of collection. If a worm has been identified in the sample, separate the worm and place in a container labeled Worm in black. Additionally, mark Worm on the TRF being submitted with the sample.	**6 grams feces in Antech provided fecal container**	**1-2 days**

MICROBIOLOGY

CODE	TEST NAME | DESCRIPTION | COMPONENTS	SPECIMEN	TAT*
M010	**Acid Fast Stain - Micro** Acid-fast stain applied to an air-dried smear to determine if mycobacteria present in sample provided. Note: air dried smear is the preferred sample submission.	**1 air-dried smear**	**1-3 days**
M040	**Culture Aerobic and Anaerobic** This test is used when a bacterial infection is suspected in a tissue or fluid, but it is uncertain whether an aerobic or an anaerobic organism is the cause. Note: fluids should be submitted in a red top tube. Tissue should be submitted in an air-tight container for anaerobic culture. Samples should be refrigerated prior to submission. Sensitivities are not performed, but drugs of choice for anaerobes are provided as a guide.	**Culturette (aerobic and anaerobic) from fluid (body cavity fluids), TTW, BAL, wound, lesion, or skin. Tissue sample in saline.**	**3-5 days**
M050	**Culture Aerobic and Fungal** This test is used when an aerobic bacterial infection or fungal infection is suspected in a tissue or fluid. Note: DTM plates are acceptable for fungal ID. However, please indicate the source of the specimen plated.	**Aerobic culture: Culturette from body fluid, TTW, BAL, wound, lesion, or skin; tissue in saline. Fungal culture: Dry hair and skin scraping collected in a sterile red top or other sterile container without additive.**	**3-21 days**

CODE	TEST NAME | DESCRIPTION | COMPONENTS	SPECIMEN	TAT*
M060	**Culture, Blood Aerobic Only** This test is utilized when bacteremia with an aerobic organism is suspected. Submit a single sample in a BACTEC bottle. Interferences: antibiotics. Note: submit in BACTEC aerobic culture bottle. Clip fur and scrub venipuncture site for aseptic collection. Aim to collect 1.0 mL for cats and small dogs, 2-3 mL for larger dogs to be inoculated into 20 mL bottle. Don't unscrew caps on bottles. Remove the protective top and wipe visible parts of the rubber stopper with 70% ethanol. Allow stopper to dry or wipe with sterile gauze. Replace the drawing needle with a sterile needle before puncturing the rubber stopper, fill until vacuum stops, then gently invert the bottle to mix. Anticoagulants in the media will prevent blood from clotting.	**Whole blood collected in BD Bactec Blood Culture Bottle (BCB)**	**3-5 days**
M061	**Culture Blood Aerobic/Anaerobic** Aerobic and Anaerobic Blood Culture This test is utilized when bacteremia is suspected. Submit a single sample in two separate BACTEC bottles as required for aerobic and anaerobic culture. Interferences: prior to culture submission, patient should be off antibiotics for seven to ten days. Note: submit two BACTEC culture bottles (pink label and gold label). Clip fur and scrub venipuncture site for aseptic collection. Aim to collect 1.0 mL for cats and small dogs, 2-3 mL for larger dogs to be inoculated into BacTec Peds Plus pink cap/strip bottle. Anaerobic blood culture bottles with orange cap/gold strip require 3-10 mL of blood. Don't unscrew caps on bottles. Remove the protective top and wipe visible parts of the rubber stopper with 70% ethanol. Allow stopper to dry or wipe with sterile gauze. Replace the drawing needle with a sterile needle before puncturing the rubber stopper, fill until the vacuum stops, then gently invert the bottle to mix. Anticoagulants in the media will prevent blood from clotting.	**Whole blood collected in two separate BD Bactec Blood Culture Bottle (BCB): 1 aerobic BD Bactec BCB and 1 anaerobic BD Bactec BCB**	**5 days**

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CODE	TEST NAME | DESCRIPTION | COMPONENTS	SPECIMEN	TAT*
M062	**Culture Blood Aerobic/Anaerobic (Serial Blood Culture x2)** Bacterial culture and MIC sensitivity testing Utilize this test when bacteremia is suspected. Aerobic/anaerobic cultures are obtained at two separate time points. Each single time point requires two separate BACTEC bottles as indicated for aerobic and anaerobic culture. Interferences: antibiotics. Note: submit two BACTEC culture bottles (pink label and gold label) for each time point. For each collection, clip fur and scrub venipuncture site for aseptic collection. Aim to collect 1.0 mL for cats and small dogs, 2-3 mL for larger dogs to be inoculated into BacTec Peds Plus pink cap/strip bottle. Anaerobic blood culture bottles with orange cap/gold strip require 3-10 mL of blood. Don't unscrew caps on bottles. Remove the protective top and wipe visible parts of the rubber stopper with 70% ethanol. Allow stopper to dry or wipe with sterile gauze. Replace the drawing needle with a sterile needle before puncturing the rubber stopper, fill until the vacuum stops, then gently invert the bottle to mix. Anticoagulants in the media will prevent blood from clotting.	**2 sets of aerobic and anaerobic BD Bactec blood culture bottles (one set for each single time point)**	**5 days**
M063	**Culture Blood Aerobic/Anaerobic (Serial Blood Culture x3)** Bacterial culture and MIC sensitivity testing Utilize this test when bacteremia is suspected. Aerobic/anaerobic cultures are obtained at three separate time points. Each single time point requires two separate BACTEC bottles as indicated for aerobic and anaerobic culture. Interferences: antibiotics. Note: submit two BACTEC culture bottles (pink label and gold label) for each time point. For each collection, clip fur and scrub venipuncture site for aseptic collection. Aim to collect 1.0 mL for cats and small dogs, 2-3 mL for larger dogs to be inoculated into BacTec Peds Plus pink cap/strip bottle. Anaerobic blood culture bottles with orange cap/gold strip require 3-10 mL of blood. Don't unscrew caps on bottles. Remove the protective top and wipe visible parts of the rubber stopper with 70% ethanol. Allow stopper to dry or wipe with sterile gauze. Replace the drawing needle with a sterile needle before puncturing the rubber stopper, fill until the vacuum stops, then gently invert the bottle to mix. Anticoagulants in the media will prevent blood from clotting.	**3 sets of aerobic and anaerobic BD Bactec blood culture bottles (one set for each single time point)**	**5 days**

CODE	TEST NAME | DESCRIPTION | COMPONENTS	SPECIMEN	TAT*
M070	**Culture ID** This test is for bacterial culture and identification only. No sensitivity is performed.	**Culturette from fluid (body cavity fluids), TTW, BAL, wound, lesion, skin, or environmental sample. Tissue sample in saline.** Culturette, red top or white top tube with fluid, or other sterile container. Samples collected in EDTA tube are not acceptable.	**2-4 days** If a fastidious culture organism is observed, the listed turnaround time may be extended.
M020	**Culture, Aerobic** This test is used when an aerobic bacterial infection is suspected in a tissue or fluid. In the case of a positive culture of relevant bacteria, sensitivities are performed and reported. Interferences: 1. Patient should be off antibiotics for at least 7-10 days. 2. Fluid in lavender top tube is unacceptable (EDTA inhibits growth). Note: tissue should be submitted in an RTT with a few drops of saline (to keep moist). Samples should be refrigerated prior to transportation to the laboratory. A separate sample should be submitted for each type of culture needed.	**Culturette from fluid (body cavity fluids), TTW, BAL, wound, lesion, or skin. Tissue sample in saline.** Culturette, red top or white top tube with fluid, or other sterile container. Samples collected in EDTA tube are not acceptable.	**3-4 days** Preliminary report available every 24 hours. Final culture result available in 72 hours. If a fastidious organism is observed, the listed turnaround time may be extended.
M110	**Culture, *Mycoplasma*** *Mycoplasma* culture Use this test when *Mycoplasma* infection is suspected. Interferences: antibiotics.	**Culturette from body fluid, TTW, semen, fresh urine. Uterine, cervical, vaginal or lung tissue.** Culturette, red top or white top tube with fluid, or other sterile container. Samples collected in EDTA tube are not acceptable.	**7-10 days**

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CODE	TEST NAME | DESCRIPTION | COMPONENTS	SPECIMEN	TAT*
M130 **Add-on Equivalent ADD210**	**Culture, Urine** All urine cultures deemed positive by *FIRST*ract, a highly accurate and rapid urine culture technique, will then undergo traditional culture for identification and susceptibility. Interferences: patient should be off antibiotics for seven to ten days prior to urine culture.	**0.5 mL cystocentesis, clean catch or catheterized urine in sterile red top tube or urine transport tube.**	**1-3 days** Preliminary reports available every 24 hours. Canine urine culture final result available in 48 hours. Feline urine culture final result available in 72 hours. If a fastidious organism is observed, the listed turnaround time may be extended.
ADD210	**Culture, Urine Add-on** *FIRST*ract Urine Culture followed by plating in the case of a positIve result for bacterial identification and sensitivity All urine cultures deemed positive by *FIRST*ract, a highly accurate and rapid urine culture technique, will then undergo traditional culture for identification and susceptibility. Interferences: patient should be off antibiotics for seven to ten days prior to urine culture.	**0.5 mL cystocentesis, clean catch or catheterized urine in sterile red top tube or urine transport tube.**	**1-3 days** Preliminary reports available every 24 hours. Canine urine culture final result available in 48 hours. Feline urine culture final result available in 72 hours. If a fastidious organism is observed, the listed turnaround time may be extended.

CODE	TEST NAME | DESCRIPTION | COMPONENTS	SPECIMEN	TAT*
M130R	**Culture, Urine Recheck** All urine cultures deemed positive by *FIRST*ract, a highly accurate and rapid urine culture technique, will then undergo traditional culture for identification and susceptibility. Used as a follow up code in a patient, where a culture has been previously submitted within the last 30 days. Interferences: patient should be off antibiotics for seven to ten days prior to urine culture.	**0.5 mL cystocentesis, clean catch or catheterized urine in sterile red top tube or urine transport tube.**	**1-3 days** Preliminary reports available every 24 hours. Canine urine culture final result available in 48 hours. Feline urine culture final result available in 72 hours. If a fastidious organism is observed, the listed turnaround time may be extended.
M100	**Culture, Acid Fast Bacilli** Mycobacterial culture and acid fast staining only Use this test when a mycobacterial infection of fluid/tissue is suspected. Interferences: antimicrobials.	**Urine, CSF, sputum, or tissue in sterile container or Copan swab (without contact with gel)** Call customer service for specimen handling protocol: 1-800-872-1001, dial 0	**8 weeks** Culture requires 8 weeks to be finalized. No preliminary report is provided, only final report.
M030	**Culture, Anaerobic** To be used when an anaerobic bacterial infection is suspected in tissue/fluid. Interferences: sample with exposure to air or if dried will preclude accurate testing. Note: fluids should be submitted in an RTT. Tissue should be submitted in an air-tight, sterile container (e.g., urine cup). No saline is necessary. Sensitivities are not performed, but drugs of choice for anaerobes are provided as a guide.	**Anaerobic culturette of fluid (body cavity fluids), TTW or BAL, wound, lesion. Tissue sample (at least 2 cm x 2 cm) in sterile, air tight container.** Culturette, red top or white top tube with fluid, or other sterile container. Samples collected in EDTA tube are not acceptable.	**3-5 days** Preliminary report issued 3rd day. Final culture result issued 4th day.
CAMP	**Culture, *Campylobacter*** Use this test when a *Campylobacter* infection is suspected to be the cause of gastroenteritis that is not responding to conservative management. Interferences: dried swab.	**2 grams of feces in sterile container or in *Campylobacter*-Thioglycollate broth (Campy-Thio broth), or fecal swab.**	**3-4 days**

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CODE	TEST NAME | DESCRIPTION | COMPONENTS	SPECIMEN	TAT*
M240	**Culture, Dermatophytes** Use this test to investigate ringworm (dermatophyte fungal infections) as a cause for skin lesions.	**Hair, nails, or skin scraping in plain container** DTM bottle	**3 weeks** Preliminary report every 7 days. Final report available at 3 weeks (or upon identification).
M160	**Culture, Feces** Culture specifically evaluates for *Salmonella*, *Shigella* and *Campylobacter* spp. Fecal PCR testing is more sensitive and tests for a broader array of potential pathogens.	**Fecal culturette or 5 grams feces in Antech provided fecal container. Submission in in lavender top tube (with EDTA) is not acceptable.**	**3-4 days** Preliminary report every 24 hours. Final report available in 72 hours.
M080	**Culture, Fungal** This test is for fungal culture and identification. Not for suspected ringworm infections.	**Dry hair, nails, skin scraping, body fluid, or lesion material collected in a sterile red top or other sterile container without additive, or on a culturette.** DTM bottle, culturette, container	**21 days** Preliminary report every 7 days. Final report available at 21 days (3 weeks), or upon identification.
M255	**Ear Culture** Ear Aerobic Culture and Sensitivity An aerobic culture of material obtained from the ear canal. Interferences: antibiotics.	**Culturette from ear**	**3-5 days** Preliminary report available every 24 hours. Final culture result available in 72 hours.
M076	**Environmental Culture**	**Culturette of environmental sample**	**3-4 days** Preliminary report available every 24 hours. Final culture result available in 72 hours.

CODE	TEST NAME | DESCRIPTION | COMPONENTS	SPECIMEN	TAT*
M082	**Fungal Identification** Used after fungal growth has occurred in order to identify the fungi as dermatophytes versus saprophytic fungi.	**DTM fungal culture bottle (with fungal growth), or fungal culture plate (with fungal growth)**	**2 days** If further culturing is required, testing may be extended 7-10 days
M090	**Gram Stain** This test is used to investigate the presence and morphology of bacteria, yeast, and fungi. Note: place specimen on a slide or submit material to prepare a slide. Store at room temperature.	**Prepared smear, culturette from fluid (body cavity fluids, TTW or BAL), feces, urine, wound or lesion material.** Culturette, slide holder	**1-2 days**
M280	**Ophthalmic Aerobic Culture** An aerobic culture and eye-specific antibiotic susceptibility.	**Submission of 2 Copan swabs is preferred.**	**3-5 days** Preliminary report available every 24 hours. Final culture result available in 72 hours.
M120	***Salmonella, Shigella, Campylobacter*** *Campylobacter* Culture, Fecal Culture (*Salmonella* and *Shigella*) Culture specifically evaluates for *Salmonella, Shigella* and *Campylobacter*. Fecal PCR testing is more sensitive and tests for a broader array of potential pathogens. Note: submit feces in a sterile container, a culturette, or in a Campy thio broth.	**Fecal culturette or 5 grams feces in Antech provided fecal container. Submission in in lavender top tube (with EDTA) is not acceptable.**	**3-4 days** Preliminary report available every 24 hours. Final culture result available in 72 hours.
M135	**Urine Culture Aerobic and Anaerobic** Aerobic culture performed by *FIRSTract* metholodogy followed by standard plating in cases of positive growth. Anaerobic culture performed by standard plating but sensitivities are not performed.	**0.5 mL cystocentesis, clean catch or catheterized urine in sterile red top tube or urine transport tube.**	**3-5 days**

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PATHOLOGY

CODE	TEST NAME | DESCRIPTION | COMPONENTS	SPECIMEN	TAT*
BONECBC	**Bone Marrow and CBC** This test includes a microscopic evaluation of bone marrow. The report includes descriptions of cellularity, assessment of cell lineage, and pathologist comments. The CBC submitted at the time of the bone marrow sampling is utilized in the interpretation of the bone marrow evaluation to allow for a more complete assessment of the hematopoietic system. A detailed history and time course of events will further aid the pathologist in the interpretation of the findings. Note: ensure the appropriate labeling of lavender top tubes (bone marrow and peripheral blood). Provide a detailed history and any relevant clinicopathologic data for the pathologist's interpretation.	**1.0 mL EDTA whole blood, AND bone marrow sample in lavender top tube or 4 to 5 air-dried bone marrow slides.**	**1-3 days**
BMBC	**Bone Marrow Core Biopsy** The histopathological evaluation of a bone marrow core biopsy. A CBC submitted at the time of the bone marrow sampling is utilized in the interpretation of the bone marrow evaluation to allow for a more complete assessment of the hematopoietic system. A detailed history and time course of events will further aid the pathologist in the interpretation of the findings.	**Bone marrow tissue in 10% neutral buffered formalin in Antech approved container with screw-on lid** To prevent severe biopsy damage when temperatures are below freezing, we recommend adding 1:10 ratio of isopropyl alcohol (70% or greater) to 10% neutral buffered formalin	**3-5 business days**
BONE	**Bone Marrow Cytology** This test includes a microscopic evaluation of bone marrow. The report includes description of cellularity, assessment of cell lineage, and pathologist comments. Note: for maximal diagnostic utility, a CBC should be submitted at the time of bone marrow sampling. Additionally, submission of a core biopsy along with an aspirate is necessary for a complete bone marrow evaluation. If submitting bone marrow aspirate slides and a core biopsy sample (formalin), ensure that the formalin sample is in a separate zip lock bag.	**4 to 5 air dried bone marrow slides or bone marrow sample in lavender top tube**	**1-3 days**
T325	**Buffy Coat For Mast Cells** Used to assess for the presence of mast cells, evaluate for hemoparasites/infectious agents, or to do a differential on a complete blood count with low white cells.	**1.0 mL EDTA whole blood in lavender top tube**	**1-3 days**

CODE	TEST NAME | DESCRIPTION | COMPONENTS	SPECIMEN	TAT*
S86793	**Canine Melanoma Diagnostic Panel**	**Tissue in 10% neutral buffered formalin in Antech approved container with screw-on lid** To prevent severe biopsy damage when temperatures are below freezing, we recommend adding 1:10 ratio of isopropyl alcohol (70% or greater) to 10% neutral buffered formalin	**2 Weeks**
S86792	**Canine Melanoma Prognostic Panel**	**Tissue in 10% neutral buffered formalin in Antech approved container with screw-on lid** To prevent severe biopsy damage when temperatures are below freezing, we recommend adding 1:10 ratio of isopropyl alcohol (70% or greater) to 10% neutral buffered formalin	**2 Weeks**
CYTO	**Cytology** This test includes a microscopic evaluation of cells. The report includes cytologic interpretation, diagnosis, and comments regarding etiology and biological behavior where applicable. Note: single source.	**2 or more air-dried, unstained slides with clinical history** Lavender top with fluid, red top with fluid, air-dried unstained slides	**1-3 days**
DERM	**Dermatopathology** This specialty biopsy is supported by a team of board-certified anatomic pathologists with a specialization in dermatopathology.	**Tissue in 10% neutral buffered formalin in Antech approved container with screw-on lid** To prevent severe biopsy damage when temperatures are below freezing, we recommend adding 1:10 ratio of isopropyl alcohol (70% or greater) to 10% neutral buffered formalin	**7 days**

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CODE	TEST NAME | DESCRIPTION | COMPONENTS	SPECIMEN	TAT*
FLUA	**Fluid Analysis** Includes preparation of submitted sample, Cell Count (WBC & RBC), Specific Gravity, Protein measurement, and microscopic interpretation by clinical pathologist This is the appropriate test for the evaluation of fluids from a cavity or tissue space. The fluid will be characterized based on protein, specific gravity, white and red cells, and a pathologist will evaluate the fluid and provide a microscopic description and, when possible, diagnosis. Note: a comprehensive history should be included with the fluid analysis submission.	**1.0 mL body cavity fluid in lavender or red top tube with 2 unstained smears prepared from fluid** Red top with fluid, lavender top with fluid, air dried unstained slides	**1-3 days**
FL	**Fluid Part Only** This portion of a fluid analysis includes characterization of the submitted body cavity or tissue spave fluid based on color, clarity, specific gravity, protein and white and red cell counts.	**0.5 mL body cavity fluid in lavender or red top tube**	**1-3 days**
FBX	**Histopathology** Preparation of submitted sample and microscopic interpretation by anatomic pathologist A boarded pathologist will evaluate the tissue. A full written biopsy report will be provided, including source, history, submitted tissue type, microscopic findings, pathologist's comments, and microscopic description. Where applicable, it will also include margin evaluation, grading, interpretation of special stains, and recommendations for further testing if needed. Note: firmly and evenly tighten the lid of the formalin jar and check for any leaks prior to placing the sample in a ziplock bag with the test requisition form. A comprehensive history should be included with each biopsy submission.	**Tissue in 10% neutral buffered formalin in Antech approved container with screw-on lid** To prevent severe biopsy damage when temperatures are below freezing, we recommend adding 1:10 ratio of isopropyl alcohol (70% or greater) to 10% neutral buffered formalin	**3-5 business days**
IHC1	**Immunohistochemistry 1 Stain** This test includes a single immunohistochemistry stain. It's an antibody-based method to detect a specific protein. Note: typically an add-on test after histopathological evaluation of submitted tissue based on pathologist recommendations.	**Tissue in 10% neutral buffered formalin in Antech approved container with screw-on lid** To prevent severe biopsy damage when temperatures are below freezing, we recommend adding 1:10 ratio of isopropyl alcohol (70% or greater) to 10% neutral buffered formalin	**10-14 days**

CODE	TEST NAME | DESCRIPTION | COMPONENTS	SPECIMEN	TAT*
IHC2	**Immunohistochemistry 2 Stains** This test includes two immunohistochemistry stains. It's an antibody-based method to detect specific proteins. Note: typically an add-on test after histopathological evaluation of submitted tissue based on pathologist recommendations.	**Tissue in 10% neutral buffered formalin in Antech approved container with screw-on lid** To prevent severe biopsy damage when temperatures are below freezing, we recommend adding 1:10 ratio of isopropyl alcohol (70% or greater) to 10% neutral buffered formalin	**10-14 days**
IHC3	**Immunohistochemistry 3 Stains** This test includes three immunohistochemistry stains. It's an antibody-based method to detect specific proteins. Note: typically an add-on test after histopathological evaluation of submitted tissue based on pathologist recommendations.	**Tissue in 10% neutral buffered formalin in Antech approved container with screw-on lid** To prevent severe biopsy damage when temperatures are below freezing, we recommend adding 1:10 ratio of isopropyl alcohol (70% or greater) to 10% neutral buffered formalin	**10-14 days**
IHC4	**Immunohistochemistry 4 Stains** This test includes four immunohistochemistry stains. It's an antibody-based method to detect specific proteins. Note: typically an add-on test after histopathological evaluation of submitted tissue based on pathologist recommendations.	**Tissue in 10% neutral buffered formalin in Antech approved container with screw-on lid** To prevent severe biopsy damage when temperatures are below freezing, we recommend adding 1:10 ratio of isopropyl alcohol (70% or greater) to 10% neutral buffered formalin	**10-14 days**
IHC5	**Immunohistochemistry 5 Stains** This test includes five immunohistochemistry stains. It's an antibody-based method to detect specific proteins. Note: typically an add-on test after histopathological evaluation of submitted tissue based on pathologist recommendations.	**Tissue in 10% neutral buffered formalin in Antech approved container with screw-on lid** To prevent severe biopsy damage when temperatures are below freezing, we recommend adding 1:10 ratio of isopropyl alcohol (70% or greater) to 10% neutral buffered formalin	**10-14 days**

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CODE	TEST NAME | DESCRIPTION | COMPONENTS	SPECIMEN	TAT*
S86601	**Mast Cell Panel**	**Formalin Fixed Paraffin Blocks accompanied by an Antech biopsy report. All submissions need to have an FBX completed by Antech (including any FBX type test, including 2nd opinion by Antech pathologist using block made by some other lab), prior to sending to MSU for an additional fee.**	**7-10 days**
FBXORL	**Oral Path Biopsy** Preparation of each submitted oral tissue sample and microscopic interpretation by anatomic pathologist A boarded pathologist with a special interest in oral cavity pathology will evaluate the tissue. A full written biopsy report will be provided, including source, history, description of submitted tissue, microscopic description, and diagnosis where possible. Additionally, a dentist will provide a treatment plan based on the histopathology or recommendations for further diagnostic evaluation. Note: firmly and evenly tighten the lid of the formalin jar and check for any leaks prior to placing the sample in a ziplock/ sealable bag with the test requisition form. A comprehensive history should be included with each biopsy submission.	**Tissue in 10% neutral buffered formalin in Antech approved container with screw-on lid** To prevent severe biopsy damage when temperatures are below freezing, we recommend adding 1:10 ratio of isopropyl alcohol (70% or greater) to 10% neutral buffered formalin	**3-5 business days**
FBXNEO	**Pet Cancer Specialty Biopsy** This specialty biopsy service is comprised of a team of six board-certified anatomic pathologists with specialization in cancer. The biopsy is reviewed by three of these pathologists including one report written with a consensus opinion. Note: firmly and evenly tighten the lid of the formalin jar and check for any leaks prior to placing the sample in a ziplock/ sealable bag with the test requisition form. A comprehensive history should be included with each biopsy submission.	**Tissue in 10% neutral buffered formalin in Antech approved container with screw-on lid** To prevent severe biopsy damage when temperatures are below freezing, we recommend adding 1:10 ratio of isopropyl alcohol (70% or greater) to 10% neutral buffered formalin	**3-5 business days**

CODE	TEST NAME | DESCRIPTION | COMPONENTS	SPECIMEN	TAT*
S11068 - SearchLight DNA Histology Add-on **S10058 - SearchLight DNA Cytology Add-on**	**SearchLight DNA®** SearchLight DNA is an add-on test to any biopsy or cytology where cancer is suspected or diagnosed. This test provides precision diagnostic, prognostic, and therapeutic guidance for multiple types of cancers. This canine cancer genomic panel identifies mutations in 120 relevant cancer genes and provides insights into cancer's origin, behavior, and the optimal approach for treatment. Report includes: • Information about mutations in 120 cancer genes including diagnostic, prognostic, and therapeutic biomarker associations with supporting evidence from peer-reviewed literature, clinical consensus, and inference from human FDA guidance. • Pharmacogenomic marker (MDR1) mutation status. • A list of targeted therapeutic drug(s) if the patient's tumor mutations are a match for an existing drug. • Information on clinical trials by tumor type curated from public databases and individual academic centers by Vidium Animal Health. To order SearchLight DNA, please contact customer service. Note: SearchLight DNA can only be added to a biopsy or cytology performed at Antech where neoplasia has been diagnosed or suspected.	**Fine-Needle Aspirate (FNA) Samples:** FNA Slides - ≥2 unstained or stained slides + 1 Diffquick FNA Liquid - ≥0.5 mL in sterile vial/tube with no additives **Biopsy Samples:** Formalin-Fixed, Paraffin-Embedded (FFPE) Scrolls – 10 x 10- micron sections with 1 adjacent hematoxylin and eosin (H&E) slide Unstained FFPE Slides – 10 x 10-micron sections with 1 adjacent H&E slide Bone Tumor – Non-decalcified sample	**12-17 days**
RCYTO	**Recheck Cytology** Used for a second cytology submission, from the same site as the original submission, in cases where the initial submission was of insufficient cellularity to allow for a diagnosis/description.	**Fluid in red top or lavender top tube, or air-dried,unstained slides with clinical history**	**1-3 days**
STAT	**Stat Charge Biopsy** Additional fee for histopathology results that client would like to get an expedited return on.	**Not applicable**	**2-3 days**
CYSTAT	**Stat Charge-Cyto** An additional charge applied when a STAT assessment of cytological sample is required.	**Not applicable**	**24 hours**
FBXLSP	**Superliver (Liver Biopsy with Liver Staining Panel)** The tissue will be evaluated by a boarded pathologist with a special interest in hepatic disease. A full written biopsy report will be provided, including source, history, description of submitted tissue, microscopic description, and diagnosis where possible. Trichrome, rhodanine, and reticulum staining and interpretation are included. The report will include the staging of fibrosis, evaluation of the degree of parenchymal collapse, and a qualitative copper grade. Internal pathologist to pathologist opinions are sought when needed. There is an option for further discussion with an internal medicine consultant with a special interest in hepatic disease. Note: firmly and evenly tighten the lid of the formalin jar and check for any leaks prior to placing the sample in a ziplock/ sealable bag with the test requisition form. A comprehensive history should be included with each biopsy submission, including the breed, age, and time when liver values were first noted to be elevated. Additional diagnostics performed as well as responses to any specific treatments should be included in the history.	**Liver tissue in 10% neutral buffered formalin in Antech approved container with screw-on lid** To prevent severe biopsy damage when temperatures are below freezing, we recommend adding 1:10 ratio of isopropyl alcohol (70% or greater) to 10% neutral buffered formalin	**3-5 business days**

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MOLECULAR

CODE	TEST NAME | DESCRIPTION | COMPONENTS	SPECIMEN	TAT*
T1025	**CADET *BRAF*** CADET *BRAF*. Includes CADET *BRAF*-PLUS when reflexed based on CADET *BRAF* result A non-invasive, highly sensitive assay that evaluates free-catch urine samples from dogs for the presence of cells harboring the b-raf mutation or specific copy number variations associated with Transitional Cell Carcinoma/ Urothelial Carcinoma/ Prostatic carcinoma. The assay identifies 95% of TCC/UC cases. It can be used to diagnose TCC/UC and monitor dogs undergoing treatment for remission and relapse. Interferences: cystocentesis drawn urine. Radiation and Chemotherapy are not interferences for the Cadet *BRAF*/*BRAF* Plus test assay; however, they may affect the tumor itself which may influence results. Note: urine sample should be free catch. Do not freeze.	**40 mL urine collected in CADET *BRAF* urine container** CADET *BRAF* container (urine must be put in *BRAF* container within 15 minutes of collection and can be collected over multiple days)	**3-6 days**
T980	**Canine *Ehrlichia*/*Anaplasma* PCR** *Anaplasma phagocytophilum, Anaplasma platys, Ehrlichia canis, Ehrlichia chaffeensis, Ehrlichia ewingii* A comprehensive PCR panel used when the clinical signs are suggestive of Anaplasmosis or Erhlichiosis. Interferences: previous or current antibiotic usage may interfere with PCR test results.	**1.0 mL whole blood, synovial fluid or CSF**	**2-4 days**

CODE	TEST NAME | DESCRIPTION | COMPONENTS	SPECIMEN	TAT*
T950	**Canine GI PCR Panel** *Campylobacter jejuni/coli*, canine enteric coronavirus, canine parvovirus, *Clostridium difficile* toxins A/B, *Clostridium perfringens* enterotoxin, *Cryptosporidium* spp., *Giardia* spp., *Salmonella* spp. Highly sensitive and specific panel used to evaluate for viral (canine enteric coronavirus, canine parvovirus, and canine rotavirus), bacterial (*Campylobacter* spp., *Clostridium* spp. and *Salmonella* spp.) and protozoal (*Giardia* spp. and *Cryptosporidum* spp.) causes for the gastrointestinal signs exhibited by the patient. Interferences: previous or current antibiotic usage may interfere with PCR test results for protozoal or bacterial organisms. Note: follow-up cultures are immediately performed on submissions found to be PCR-positive for *Salmonella* (when a Copan fecal swab is received by the laboratory). Additionally, samples found to be PCR-positive for DNA of *C. perfringens* enterotoxin or *C. difficile* toxins are immediately tested for these toxins by ELISA.	**0.5 grams of feces and 1 copan fecal swab** Culturette, Antech provided fecal container	**2-4 days**
T953	**Canine GI PCR with SARS CoV-2 PCR Panel** Canine GI PCR Panel, SARS-CoV-2 PCR add-on Panel Canine GI PCR panel to which evaluation for SARS-CoV-2 PCR has been added to determine whether the gastrointestinal signs being exhibited could be related to the typical etiologic agents or potentially SARS-CoV-2. Interferences: previous or current antibiotic usage may interfere with PCR test results for protozoal or bacterial organisms. Note: follow-up cultures are immediately performed on submissions found to be PCR-positive for *Salmonella* (when a Copan fecal swab is received by the laboratory). Additionally, samples found to be PCR-positive for DNA of *C. perfringens* enterotoxin or *C. difficile* toxins are immediately tested for these toxins by ELISA.	**0.5 grams of feces and 1 copan fecal swab, conjunctival or nasal swab** Culturette, Antech provided fecal container	**2-11 days**
S8710	**Canine Parvovirus PCR** Detection of canine parvovirus in whole blood, feces or tissues. Note: vaccination for canine parvovirus within the previous 2-3 weeks may result in false positive results.	**2.0-3.0 mL EDTA whole blood in lavender top tube OR 1-2 grams feces OR small tissue in red top**	**7-10 days**

CODE	TEST NAME | DESCRIPTION | COMPONENTS	SPECIMEN	TAT*
T995	**Canine Respiratory PCR Panel** Canine influenza virus (H3N8), Pan Influenza (detects all Influenza Type A, including H3N2; when positive, confirmation by H3N2 specific qPCR), H5N1 influenza virus, canine adenovirus type 2, canine distemper virus, canine herpes virus, canine parainfluenza virus, canine resp. coronavirus, *Bordetella bronchiseptica*, *Mycoplasma cynos*, *Streptococcus equi* subsp. *zooepidemicus* A highly sensitive and specific panel covering the more common etiological agents causing acute respiratory signs in dogs. Includes Distemper, Parainfluenza, Respiratory coronavirus, Canine influenza (H3N8), Influenza (H5N1), PanInfluenza, Herpes, Adenovirus Type 2, *Bordatella bronchiseptica*, *Mycoplasma cynos*, and *Streptococcus zooepidemicus*. Interferences: previous or current antibiotic usage may interfere with PCR test results.	**2 Sterile Swabs (nasal, deep pharyngeal or conjunctival) for PCR (submitted dry without transport media) and 1 Copan Swab in Gel for *Bordatella* culture. All swabs sampled from same site.** Culturette and 2 swabs in white tube	**2-4 days**
T998	**Canine Respiratory PCR with SARS CoV-2 PCR Panel** Canine Respiratory PCR Panel(Canine influenza virus (H3N8), Pan Influenza (detects all Influenza Type A, including H3N2; when positive, confirmation by H3N2 specific qPCR), H5N1 influenza virus, canine adenovirus type 2, canine distemper virus, canine herpes virus, canine parainfluenza virus, canine resp. coronavirus, *Bordetella bronchiseptica*, *Mycoplasma cynos*, *Streptococcus equi* subsp. *zooepidemicus*), SARS-CoV-2 PCR Add-on Panel Canine Respiratory PCR panel to which evaluation for SARS-CoV-2 PCR has been added to determine whether the respiratory signs being exhibited could be related to the typical etiologic agents (see T995) or potentially SARS-CoV-2. Interferences: previous or current antibiotic usage may interfere with PCR test results.	**2 Sterile Swabs (nasal, deep pharyngeal or conjunctival) for PCR (submitted dry without transport media) and 1 Copan Swab in Gel for *Bordatella* culture. All swabs sampled from same site.** Culturette and 2 swabs in white tube	**2-11 days**
T960	**Canine Tick Borne PCR Panel** *Anaplasma phagocytophilum*, *Anaplasma platys*, *Babesia canis*, *Babesia* sp. (Coco), *Babesia conradae*, *Babesia gibsoni*, *Bartonella henselae*, *Bartonella vinsonii*, *Ehrlichia canis*, *Ehrlichia chaffeensis*, *Ehrlichia ewingii*, *Mycoplasma haemocanis*, *Cand. M. haematoparuvm*, *Neorickettsia risticii* A highly sensitive and specific panel used to evaluate for the evidence of infection in cases suspected of having a vector-borne disease. Includes *Anaplasma phagocytophilum*, *Anaplasma platys*, *Babesia canis*, *Babesia* spp. (non *canis*), *Bartonella henselae*, *Bartonella vinsonii*, *Ehrlichia canis*, *Ehrlichia* spp. (non-*canis*), *Mycoplasma* heamo*canis*/ heamatoparvum, *Neorickettsia risticii*, and *Rickettsia rickettsii*. Interferences: previous or current antibiotic usage may interfere with PCR test results.	**1.0 mL of EDTA whole blood in lavender top tube**	**2-4 days**

CODE	TEST NAME | DESCRIPTION | COMPONENTS	SPECIMEN	TAT*
T961	**Canine Tick Borne PCR with Lyme** Canine Tick Borne PCR Panel, Lyme Titer IgG Canine Tick Borne PCR panel (T960) to which Lyme IgG has been added. Interferences: previous or current antibiotic usage may interfere with PCR test results.	**1.0 mL of EDTA whole blood in lavender top tube and 0.2 mL of serum in red top tube**	**2-4 days**
T982	**Canine/Feline Ringworm PCR Panel** *Microsporum* spp., *M. canis*, *M. gypseum* (*Arthroderma gypseum*, *A. fulvum*, *A. incurvatum*), *Trichophyton* spp., *T. mentagrophytes* (*Arthroderma benhamiae*, *A. vanbreuseghemii*) A highly sensitive and specific test used when clinical signs are suggestive of ringworm infection.	**Minimum of 10 plucked hair with roots, skin scraping, or tooth brush sample in sterile, dry container free of liquids or preservative** Hair, toothbrush	**1-5 days**
T986	**Canine/Feline Ringworm PCR with Dermatophyte Culture** *Microsporum* spp., *M. canis*, *M. gypseum* (*Arthroderma gypseum*, *A. fulvum*, *A. incurvatum*), *Trichophyton* spp., *T. mentagrophytes* (*Arthroderma benhamiae*, *A. vanbreuseghemii*), Culture, Dermatophytes Evaluation for ringworm infection via both PCR and standard culture.	**Minimum of 12 plucked hair with roots, skin scraping, or tooth brush sample in sterile, dry container free of liquids or preservative** Hair, toothbrush, DTM	**1-21 days**
T965	**Feline Flea and Tick Borne PCR** *Anaplasma phagocytophilum*, *Bartonella clarridgeiae*, *Bartonella henselae*, *Bartonella quintana*, *Ehrlichia* spp., *Mycoplasma haemofelis*, *Candidatus M. haemominutum*, *Candidatus M. turicensis*, *Rickettsia felis*, *Rickettsia ricketsii* A vector borne disease panel that evaluates for the presence of *Anaplasma phagocytophilum*, *Bartonella henselae*, *Bartonella clarridgeiae*, *Bartonella quintana*, Erhlichia spp, *Mycoplasma* hemo*felis*, *Mycoplasma haemominutum*, *Mycoplasma turicensis*, *Rickettsia rickettsii* and *Rickettsia felis* by PCR. Interferences: previous or current antibiotic usage may interfere with PCR test results.	**1.0 mL of whole blood in lavender top tube**	**2-4 days**

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T955	**Feline GI PCR Panel** *Campylobacter coli, Campylobacter jejuni, Clostridium difficile* toxins A/B, *Clostridium perfringens* enterotoxin, *Cryptosporidium* spp. and *C. felis*, feline parvovirus, *Giardia* spp. *Salmonella* spp. *Tritrichomonas foetus* Highly sensitive and specific panel used to evaluate for viral (feline panleukopenia), bacterial (*Campylobacter* spp, *Clostridium* spp toxins, and *Salmonella* spp.) and protozoal (*Giardia* spp., *Tritrichomonas foetus* and *Cryptosporidium* spp.) causes for the gastrointestinal signs exhibited by the patient by PCR. Interferences: previous or current antibiotic usage may interfere with PCR test results for protozoal or bacterial organisms. Note: follow-up cultures are immediately performed on submissions found to be PCR-positive for *Salmonella* (when a Copan fecal swab is received by the laboratory). Additionally, samples found to be PCR-positive for DNA of *C. perfringens* enterotoxin or *C. difficile* toxins are immediately tested for these toxins by ELISA.	**0.5 grams of feces and 1 copan fecal swab** Culturette, Antech provided fecal container	**2-4 days**
T958	**Feline GI PCR with SARS CoV-2 PCR Panel** Feline GI PCR Panel, SARS-CoV-2 PCR Add-on Panel Feline GI PCR panel (T955) to which evaluation for SARS-CoV-2 PCR has been added to determine whether the gastrointestinal signs being exhibited could be related to the typical etiologic agents or potentially SARS-CoV-2. Note: follow-up cultures are immediately performed on submissions found to be PCR-positive for *Salmonella* (when a Copan fecal swab is received by the laboratory). Additionally, samples found to be PCR-positive for DNA of *C. perfringens* enterotoxin or *C. difficile* toxins are immediately tested for these toxins by ELISA.	**0.5 grams of feces and 1 copan fecal swab** Culturette, Antech provided fecal container	**2-11 days**
T985	**Feline Hemoplasma PCR Panel** *Mycoplasma haemofelis, Candidatus M. haemominutum, Candidatus M. turicensis* Used in the evaluation of a regenerative anemia where hemotropic *Mycoplasma* is a differential. PCR testing for the presence of *Mycoplasma haemofelis, Mycoplasma haemominutum*, and *Mycoplasma turicensis*. Interferences: previous or current antibiotic usage may interfere with PCR test results.	**1.0 mL EDTA whole blood in lavender top tube**	**2-4 days**

CODE	TEST NAME | DESCRIPTION | COMPONENTS	SPECIMEN	TAT*
T990	**Feline Respiratory PCR Panel** Feline calicivirus (FCV), Feline herpes virus-1 (FHV-1), *Bordetella bronchiseptica*, *Chlamydophila felis*, *Mycoplasma felis*, H1N1 influenza virus. A high sensitive and specific panel covering the more common etiological agents associated with upper respiratory signs in cats. Includes feline calicivirus, feline herpes virus 1, *Chlamydia felis*, *Mycoplasma felis*, *Bordetella bronchiseptica*, Influenza H1N1. Interferences: previous or current antibiotic/antiviral usage may interfere with PCR test results. Note: complimentary culture/susceptibility testing on all submissions PCR-positive for *Bordetella bronchiseptica* (when the laboratory receives a Copan swab).	**2 Sterile Swabs (nasal, deep pharyngeal or conjunctival) for PCR (submitted dry without transport media) and 1 Copan Swab in Gel for *Bordetella* culture. All swabs sampled from same site.** Culturette and 2 swabs in white tube (swab the location of the predominant clinical signs: nasal exudates, deep pharyngeal swab and/or conjunctival swab)	**2-4 days**
T993	**Feline Respiratory PCR with SARS CoV-2 PCR Panel** Feline Respiratory PCR Panel, SARS-CoV-2 PCR Add-on Panel Feline Respiratory PCR panel (T990) to which evaluation for SARS-CoV-2 PCR has been added to determine whether the respiratory signs being exhibited could be related to the typical etiologic agents or potentially SARS-CoV-2. Interferences: previous or current antibiotic/ antiviral usage may interfere with PCR test results.	**2 Sterile Swabs (nasal, deep pharyngeal or conjunctival) for PCR (submitted dry without transport media) and 1 Copan Swab in Gel for *Bordetella* culture. All swabs sampled from same site.** Culturette and 2 swabs in white tube	**2-11 days**
T600	**FIP mRNA PCR** This PCR test detects mRNA of the M gene of all known feline coronavirus strains in any sample. However, for diagnosis of FIP, only the detection of mRNA outside of the intestinal tract is indicative since active replication of the virus in circulating mononuclear cells is typical for FIP. Note: most common sample submission is peritoneal effusion that on fluid analysis is consistent with FIP. Other sample options include CSF, tissue, and tissue aspirates (lymph node, etc.).	**1.0 mL fresh fluid (body cavity, CSF, joint, milk, sputum, or urine), EDTA whole blood, tissue samples in plain, non-additive tube (+/- saline), or unstained slides from aspirated tissue (i.e., lymph node,liver or kidney)**	**5-7 days**
ADD350	**KeyScreen® GI Parasite PCR Add-on** Detects the following parasites by PCR: *Ancylostoma* spp. (if positive evaluated for benzimidazole resistance by PCR), *Uncinaria stenocephala*, *Toxocara/Toxascaris* spp. (if *Toxocara* spp. positive further speciated into *T. canis*, *T. cati*, *T. leonina*), *Baylisascaris procyonis*, *Trichuris vulpis*, *Dipylidium caninum*, *Echinococcus granulosus*, *Echinococcus multilocularis*, *Taenia* spp., *Giardia duodenalis*, *Giardia* zoonotic (if positive evaluated for potentially zoonotic strains A and B), *Cystoisospora* spp., *Eimeria* spp., *Cryptosporidium canis*, *Cryptosporidium felis*, *Toxoplasma gondii* (feline specific), *Neospora caninum*, *Tritrichomonas blagburni* (feline specific).	**0.3 grams of fresh feces in Antech provided fecal container (minimum 0.15 grams)**	**1-2 days**

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CODE	TEST NAME | DESCRIPTION | COMPONENTS	SPECIMEN	TAT*
T991 **Add-on Equivalent ADD350**	**KeyScreen® GI Parasite PCR Panel** Detects the following parasites by PCR: *Ancylostoma* spp. (if positive evaluated for benzimidazole resistance by PCR), *Uncinaria stenocephala*, *Toxocara/Toxascaris* spp. (if *Toxocara* spp. positive further speciated into *T. canis*, *T. cati*, *T. leonina*), *Baylisascaris procyonis*, *Trichuris vulpis*, *Dipylidium caninum*, *Echinococcus granulosus*, *Echinococcus multilocularis*, *Taenia* spp., *Giardia duodenalis*, *Giardia* zoonotic (if positive evaluated for potentially zoonotic strains A and B), *Cystoisospora* spp., *Eimeria* spp., *Cryptosporidium canis*, *Cryptosporidium felis*, *Toxoplasma* gondii (feline specific), *Neospora caninum*, *Tritrichomonas blagburni* (feline specific). Detects 20 individual parasite species. Hookworms: • *Ancylostoma caninum* • *Uncinaria stenocephala* • *Ancylostoma* benzimidazole resistance Roundworms: • *Toxocara* spp. • *Toxocara canis* • *Toxocara cati* • *Toxascaris leonina* • *Baylisascaris procyonis* Whipworms: • *Trichuris* vulpis Tapeworms: • *Dipylidium caninum* • *Echinococcus granulosus* • *Echinococcus multilocularis* • *Taenia* spp. *Giardia* • *Giardia duodenalis* • *Giardia* zoonotic (strain A or B) Coccidia • *Cystoisospora* spp. • *Eimeria* spp. Additional Protozoa • *Cryptosporidium canis* • *Cryptosporidium felis* • *Toxoplasma gondii* (feline specific) • *Neospora caninum* • *Tritrichomonas blagburni* (feline specific) If detected, *Toxocara* spp. will be identified at the species level as *T. cati*, *T. canis*, and *T. leonina*. *Ancylostoma caninum* will be evaluated for benzimidazole resistance, and *Giardia* evaluated for the potentially zoonotic strains A or B.	**0.3 grams of fresh feces in Antech provided fecal container (minimum 0.15 grams)**	**1-2 days**

CODE	TEST NAME | DESCRIPTION | COMPONENTS	SPECIMEN	TAT*
T974	***Leptospira* PCR Blood** Canine *Leptospira* PCR - Blood: *Leptospira interrogans* serovars *icterohaemorrhagiae, canicola, pomona, australis, bratislava, autumnalis, ballum* and *pyrogenes, L. kirschneri* serovar *grippotyphosa, L. interrogans/borgpetersenii* serovar *sejroe* A highly sensitive and specific test used to evaluate patients suspected of having acute leptospirosis. *Leptospira* bacteremia is brief and is followed by bacteriuria. In cases where a patient has been ill anywhere from five days to two weeks, submission of blood and urine PCR will increase diagnostic sensitivity. Interferences: previous or current antibiotic usage may interfere with PCR test results.	**0.5 mL EDTA whole blood**	**2-4 days**
T978	***Leptospira* PCR Blood/Urine** Canine *Leptospira* PCR Blood/Urine A highly sensitive and specific test used to evaluate patients suspected of having leptospirosis. *Leptospira* bacteremia is followed by bacteriuria. In cases where a patient has been ill anywhere from five days to two weeks, submission of blood and urine PCR will increase diagnostic sensitivity. Interferences: previous or current antibiotic usage may interfere with PCR test results.	**0.5 mL EDTA whole blood and 2.0 mL urine**	**2-4 days**
T976	***Leptospira* PCR Urine** Canine *Leptospira* PCR - urine: *Leptospira interrogans* serovars *icterohaemorrhagiae, canicola, pomona, australis, bratislava, autumnalis, ballum* and *pyrogenes, L. kirschneri* serovar *grippotyphosa, L. interrogans/borgpetersenii* serovar *sejroe* A highly sensitive and specific test used to evaluate patients suspected of having leptospirosis. *Leptospira* bacteremia is followed by bacteriuria. urine usually becomes positive day 7-10 post-exposure in clinically ill patients. Interferences: previous or current antibiotic usage may interfere with PCR test results.	**2.0 mL urine**	**2-4 days**
S14493	**OncoK9®** OncoK9® - Cancel Signal OncoK9® is a non-invasive multi-cancer early detection (MCED) liquid biopsy test for the detection and characterization of cancer-associated genomic alterations in DNA isolated from canine blood. Interferences: refrigeration, freezing; pregnancy; clots; hemolysis; trauma/surgery.	**Specific collection kit for this test is required and can be ordered on Antech Online. Two cell-free DNA collection tubes, each with a minimum fill of 7 mL of whole blood, total of 14-17 mL whole blood.**	**7-15 days**

CODE	TEST NAME | DESCRIPTION | COMPONENTS	SPECIMEN	TAT*
S85503	**PARR** PARR (PCR for Antigen Receptor Rearrangement) is an assay that amplifies DNA. This test helps differentiate between monoclonal cells (most consistent with neoplasia) or polyclonal cells (most consistent with a reactive process). Note: PARR cannot be run on formalin-fixed, paraffin-embedded samples/slides or slides with coverslips attached. Non-diagnostic samples are obtained when there is too little DNA or an in the presence of an inhibitor of the PCR reaction.	1. Blood and bone marrow: 0.5 mL EDTA whole blood or bone marrow sample in lavendertop tube. 4-5 very cellular bone marrow slides can also besubmitted. Peripheral blood smears are not acceptable. If available, please provide a complete blood count withpathology review or cytology/histology report of the bonemarrow. 2. Lymph node and other organ aspirates: 4-5 cellular slides (smears or cytospins) or fluid in EDTA(lavender top tube). No additional fluid (i.e.,saline/serum) needs to be added to aspirated fluid. Gluedcover-slipped slides cannot be used. Stained cytology slidesare acceptable. If available, please provide a copy of relevant cytologyand/or fluid analysis with submission. 3. Body cavity fluid: 4-5 cellular slides (smears or cytospins) or fluid in EDTA (lavender top tube). Stained cytology slides are acceptable. If available, please provide a copy of relevant cytologyand/or fluid analysis with submission. 4. CSF: Multiple cytospin preparations are preferred (stained orunstained) or fluid in EDTA (lavender top tube). For thesample to be diagnostic, it is estimated that 50,000 lymphoid cells are needed. If the CSF has a lymphocyte countof 100/uL, at least 0.5 mL of fluid is needed, or the cellsfrom 0.5 mL spun onto slides. If available, please provide a copy of relevant cytologyand/or fluid analysis with submission. 5. Formalin-Fixed Paraffin Embedded (FFPE) Tissue: For this sample type, use code S86965 (Feline IntestinalLymphoma Panel performed at MSU) or S85562 (Lymphoma PanelPARR, performed at MSU). If specifically requesting that PARR testing be performed on FFPE tissue at CSU, please use test code S85503 and specify "FFPE tissue for CSU PARR" Tissue or fluid aspirated into EDTA Lavender top, slides in slide holder	**5-7 business days**

CODE	TEST NAME | DESCRIPTION | COMPONENTS	SPECIMEN	TAT*
T984	**Rabbit/Small Rodent Ringworm PCR Panel** *Microsporum* spp., *M. equinum / canis, M. gypseum* (*Arthroderma gypseum, A. fulvum, A. incurvatum*), *Trichophyton* spp., *T. benhamiae / mentagrophytes* (*Arthroderma benhamiae, A. vanbreuseghemii*) A highly sensitive and specific test used when clinical signs are suggestive of ringworm infection. Note: plucked hair with roots (10-20 hairs), a skin scraping, or a toothbrush sample submitted in a sterile, dry container, free of liquids and preservative or culture media.	**Minimum of 10 plucked hair with roots, skin scraping, or tooth brush sample in sterile, dry container free of liquids or preservative**	**1-5 days**
T988	**Rabbit/Small Rodent Ringworm PCR with Dermatophyte Culture** *Microsporum* spp., *M. equinum / canis, M. gypseum* (*Arthroderma gypseum, A. fulvum, A. incurvatum*), *Trichophyton* spp., *T. benhamiae / mentagrophytes* (*Arthroderma benhamiae, A. vanbreuseghemii*), Culture, Dermatophytes Evaluation for ringworm infection via both PCR and standard culture.	**Minimum of 12 plucked hair with roots, skin scraping, or tooth brush sample. For dermatophyte culture can also submit preinoculated DTM bottle.** Hair, toothbrush, DTM	**1-21 days**
T996	**SARS-CoV-2 PCR Add-on Panel** This test may be added to either a GI PCR or Respiratory PCR panel, where history may suggest that SARS-CoV-2 may be playing an etiological role. Note: not a standalone test. Must be an add-on to Canine/Feline Respiratory or GI PCR.	**Conjuctival and deep pharyngeal swabs, nasal swab when combined with 2nd swab, nasopharyngeal or oropharyngealaspirates or washes, bronchoalveolar lavage, trachealaspirates, or fecal sample.** Culturette, fecal sample	**2-11 days**

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CODE	TEST NAME | DESCRIPTION | COMPONENTS	SPECIMEN	TAT*
S11068 - SearchLight DNA Histology Add-on **S10058 - SearchLight DNA Cytology Add-on**	**SearchLight DNA®** SearchLight DNA® is an add-on test to any biopsy or cytology where cancer is suspected or diagnosed. This test provides precision diagnostic, prognostic, and therapeutic guidance for multiple types of cancers. This canine cancer genomic panel identifies mutations in 120 relevant cancer genes and provides insights into cancer's origin, behavior, and the optimal approach for treatment. Report includes: • Information about mutations in 120 cancer genes including diagnostic, prognostic, and therapeutic biomarker associations with supporting evidence from peer-reviewed literature, clinical consensus, and inference from human FDA guidance. • Pharmacogenomic marker (MDR1) mutation status. • A list of targeted therapeutic drug(s) if the patient's tumor mutations are a match for an existing drug. • Information on clinical trials by tumor type curated from public databases and individual academic centers by Vidium Animal Health. To order SearchLight DNA, please contact customer service. Note: SearchLight DNA can only be added to a biopsy or cytology performed at Antech where neoplasia has been diagnosed or suspected.	**Fine-Needle Aspirate (FNA) Samples:** FNA Slides - ≥2 unstained or stained slides + 1 Diffquick FNA Liquid - ≥0.5 mL in sterile vial/tube with no additives **Biopsy Samples:** Formalin-Fixed, Paraffin-Embedded (FFPE) Scrolls – 10 x 10- micron sections with 1 adjacent hematoxylin and eosin (H&E) slide Unstained FFPE Slides – 10 x 10-micron sections with 1 adjacent H&E slide Bone Tumor – Non-decalcified sample	**12-17 days**
S14497 **Add-on Equivalent S14515**	**Canine Wisdom Panel™ Premium** Canine Wisdom Panel™ Premium DNA panel including: • 267 genetic health-associated variants (inc. MDR1 mutation, vWD) • 50+ physical trait variants • Breed background detection (350+ breeds) • Genetic diversity (heterozygosity) scoring • Genetic relatives matching with other dogs in the database • Support with interpretation available from Wisdom Panel™	**1 Canine Wisdom swab kit (2 swabs per kit)**	**14-21 days**
S14498 **Add-on Equivalent S14516**	**Feline Wisdom Panel™ Complete** Feline Wisdom Panel™ Complete DNA panel including: • 45 genetic health condition-related variants (inc. MDR1 mutation, Polycystic Kidney Disease) • 25 physical traits variants • Identifies genetic blood type • Provides breed (mix) identification (70+ breeds) • Genetic diversity (heterozygosity) scoring, and • Genetic relatives matching with other cats in the database. • Support with interpretation available from Wisdom veterinarians.	**1 Feline Wisdom swab kit (2 swabs per kit)**	**14-21 days**

CODE	TEST NAME | DESCRIPTION | COMPONENTS	SPECIMEN	TAT*
S14515	**Canine Wisdom Panel™ Premium, Add-on** Canine Wisdom Panel™ Premium DNA panel including: • 267 genetic health-associated variants (inc. MDR1 mutation, vWD) • 50+ physical trait variants • Breed background detection (350+ breeds) • Genetic diversity (heterozygosity) scoring • Genetic relatives matching with other dogs in the database • Support with interpretation available from Wisdom Panel™	**1 Canine Wisdom swab kit (2 swabs per kit)**	**14-21 days**
S14516	**Feline Wisdom Panel™ Complete, Add-on** Feline Wisdom Panel™ Complete DNA panel including: • 45 genetic health condition-related variants (inc. MDR1 mutation, Polycystic Kidney Disease) • 25 physical traits variants • Identifies genetic blood type • Provides breed (mix) identification (70+ breeds) • Genetic diversity (heterozygosity) scoring, and • Genetic relatives matching with other cats in the database. • Support with interpretation available from Wisdom veterinarians.	**1 Feline Wisdom swab kit (2 swabs per kit)**	**14-21 days**
KS14497	**Canine Wisdom™ Panel with Keyscreen®** Canine Wisdom Panel™ Premium and 2x KeyScreen® GI Parasite PCR Panel For Canine only. Wisdom Panel™ and first Keyscreen® must be submitted at the same time. Follow up submissions must be for the same dog and include matching patient information. The follow up Keyscreen® can be submitted within 365 days of the original. Call customer service for submission details: 1-800-872-1001, dial 0.	**1 Canine Wisdom swab kit (2 swabs per kit), 0.3 grams of fresh feces in Antech provided fecal container**	**1-21 days** **1-3 days for KeyScreen, 14-21 days for Wisdom Panel**

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GENERAL

CODE	TEST NAME | DESCRIPTION | COMPONENTS	SPECIMEN	TAT*
S16005	**Acetylcholine Receptor Antibody** Assessment for the presence of antibodies against the acetylcholine receptor. A positive result supports a diagnosis of generalized acquired Myaesthenia Gravis. Note: immunosuppressive therapy with corticosteroids instituted prior to submission of results may lower antibody levels and give a false negative result.	**1.0 mL serum in red top or serum separator tube**	**7-9 days**
T010	**Albumin** Interferences: marked hemolysis or lipemia.	**0.5 mL serum in red top or serum separator tube**	**24 hours**
T020	**Alkaline Phosphatase** Interferences: marked hemolysis and lipemia.	**0.5 mL serum in red top or serum separator tube**	**24 hours** Performed each shift
T215	**Alkaline Phosphatase Isoenzymes** Alkaline phosphatase, steroid induced alkaline phosphatase, percent steroid induced alkaline phosphatase This evaluates the percentage of steroid-induced alkaline phosphatase in the serum relative to the total serum alkaline phosphatase. Elevation of steroid-induced alkaline phosphatase is not specific for hyperadrenocorticism and is of limited diagnostic utility in the diagnosis of this disease.	**0.5 mL serum in red top or serum separator tube**	**1-2 days**
T030	**ALT SGPT** Alanine aminotransferase Interferences: marked hemolysis or lipemia.	**0.5 mL serum in red top or serum separator tube**	**24 hours** Performed each shift
T040	**Amylase** Interferences: marked hemolysis and lipemia.	**0.5 mL serum in red top or serum separator tube**	**24 hours** Performed each shift

CODE	TEST NAME | DESCRIPTION | COMPONENTS	SPECIMEN	TAT*
T050	**Amylase, Lipase** Amylase and Lipase (PSL) Interferences: marked hemolysis and lipemia.	**0.5 mL serum in red top or serum separator tube**	**24 hours** Performed each shift
S16040	**Anticoagulant Screen** Use test when ingestion of warfarin, bromadiolone, coumachlor, brodifacoum, diphacinone, chlorophacinone, or difethialone is suspected. Note: send out test requiring serum, stomach contents, bait, or frozen liver tissue.	**5.0 mL serum, 20 grams stomach contents or bait, or 10 grams of frozen unfixed liver**	**10-14 days**
T515	**Antinuclear Antibodies ANA** Antinuclear Antibody test is a titer test used as part of the Systemic Lupus Erythematosus (SLE) evaluation in patients with appropriate history, clinical signs, and other laboratory findings. Note: canine and feline only.	**0.5 mL serum in red top or serum separator tube**	**1-3 days**
T060	**AST SGOT** Aspartate aminotransferase Interferences: marked hemolysis and lipemia. Serum or plasma should be separated within 1 hour of draw and centrifuged	**0.5 mL serum in red top or spun serum separator tube**	**24 hours** Performed each shift
SA280	**Autoimmune Profile** CBC, Antinuclear Antibodies ANA, and Direct Coombs' Test Warm An autoimmune panel evaluating a complete blood count, Direct Coombs test warm, and Antinuclear antibodies. Canine and feline only. Interferences: marked hemolysis and lipemia.	**0.5 mL serum and 1.0 mL EDTA whole blood** Serum in red top or serum separator tube, lavender top	**1-3 days**
SA170	**Autoimmune Profile Standard** CBC, Antinuclear Antibodies ANA, and Direct Coombs' Test Warm An autoimmune panel evaluating a complete blood count, Direct Coombs test warm, and Antinuclear antibodies. Interferences: marked hemolysis and lipemia.	**0.5 mL serum and 1.0 mL EDTA whole blood** Serum in red top or serum separator tube, lavender top	**1-3 days**
T115	**Bicarbonate** Interferences: marked hemolysis or lipemia. Serum stable for 1 hour in an ice bath prior. Due to the instability of CO2 in specimens, low levels may not be accurate. Most accurately done within minutes after drawing and on blood gas analyzer.	**0.5 mL serum in red top or serum separator tube**	**24 hours** Performed each shift
DBIL	**Bilirubin, Direct** Direct bilirubin Interferences: marked hemolysis and lipemia. Lipemia can falsely increase results.	**0.5 mL serum in red top or serum separator tube**	**24 hours** Performed each shift

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CODE	TEST NAME | DESCRIPTION | COMPONENTS	SPECIMEN	TAT*
T090	**Bilirubin, Total** Total bilirubin Interferences: marked hemolysis or lipemia.	**0.5 mL serum in red top or serum separator tube**	**24 hours** Performed each shift
T520	**Bladder Tumor Analytes** This test may be used as an adjunct in the diagnosis oftransitional cell carcinomas (TCC). The test is a reasonablysensitive (~90%) but not a specific test for TCC. Consider CADET *BRAF* (T1025). Interferences: false-positive results may occur in the presence of proteinuria, aciduria, urinary tract infection, and hematuria. An alternative test to consider is the CADET *BRAF* if looking for a non-invasive diagnostic test with a far higher sensitivity (95%) and specificity (99%).	**2.0 mL urine in urine transport tube**	**1-2 days**
T525	***Blastomyces* Antibody** To investigate the possibility of blastomycosis as the cause of clinical signs. Note: test is reported as positive or negative. No titer is given.	**0.5 mL serum in red top or serum separator tube**	**2-3 days**
S86293	***Blastomyces* Quantitative Ag Assay** *Blastomyces* dermatitidis Ag, EIA An antigen test used to diagnose blastomycosis.	**2.0 mL urine in urine transport tube**	**5-7 days**
T340	**Blood Cross Match** Includes Donor ID, Major and/or Minor Cross Match Screen for pre-existing antibodies directed against red cell antigens to determine serological compatibility prior to transfusion. If serum, as well as whole blood, is submitted both minor and major cross-match will be performed. This test is not intended for use in determining pre-breeding compatibility testing, neonatal isoerythrolysis, or the prevention of neonatal isoerythrolysis. Interferences: marked hemolysis and lipemia.	**1.0 mL of whole blood in lavender top tube and 1.0 mL of serum in red top or serum separator tube for patient and each donor**	**1-3 days**
T345	**Cross Match, Additional Donor 2** Donor ID, Major and Minor Cross Match Screens for pre-existing antibodies directed against red cell antigens to determine serological compatibility prior to transfusion. If serum, as well as whole blood, is submitted both minor and major cross-match will be performed. This test is not intended for use in determining pre-breeding compatibility testing, neonatal isoerythrolysis, or the prevention of neonatal isoerythrolysis. Interferences: marked hemolysis and lipemia, clotting or freezing of sample may preclude analysis. Note: this test must be used in addition to Cross Match - T340.	**1.0 mL EDTA whole blood in lavender top tube and 1.0 mL serum in red top tube for recipient and each donor**	**1-3 days**

CODE	TEST NAME | DESCRIPTION | COMPONENTS	SPECIMEN	TAT*
S16003	**Brucella Titer For Export (KSU)** Evaluation for antibody suggestive of *Brucella canis* exposure. *Brucella canis* antibody evaluation is performed by serum agglutination. The test is typically used when required for export. Canine only. Note: clearly write microchip number on test requisition form (TRF) and on submitted sample tube.	**1.0 mL serum in red top tube or serum separator tube**	**7-10 days**
T100	**BUN Blood Urea Nitrogen** Interferences: marked hemolysis and lipemia.	**0.5 mL serum in red top tube or serum separator tube**	**24 hours** Performed each shift
T107	**Bun, Creatinine, SDMA, T4** BUN and Creatinine with SDMA, and T4 BUN, creatinine, SDMA for glomerular filtration rate estimation (see T1035) and total T4. Interferences: T4 evaluation can be affected in a hemolyzed or moderately lipemic sample. Lipemia can falsely decrease T4 results. Lipemia can falsely elevate TSH results.	**0.5 mL serum in red top tube or serum separator tube**	**24 hours** Performed each shift
T105	**BUN, Creatinine, SDMA** BUN, Creatinine with SDMA and BUN/Creat Ratio BUN, creatinine, and SDMA for glomerular filtration rate estimation (see T1035). Interferences: marked hemolysis or lipemia.	**0.5 mL serum in red top tube or serum separator tube**	**24 hours** Performed each shift
SA140	**Canine Heartworm Program** Miniscreen 4 Chem with Electrolytes, Heartworm Antigen Miniscreen chemistry and heartworm antigen detection. Interferences: marked hemolysis and lipemia.	**1.0 mL serum in red top or serum separator tube**	**1-2 days**
SA130	**Canine Heartworm Program Plus** Miniscreen 4 Chem with Electrolytes, CBC, Heartworm Antigen Miniscreen chemistry, a complete blood count, and heartworm antigen detection. Interferences: marked hemolysis and lipemia.	**1.0 mL serum and 1.0 mL EDTA whole blood** **Serum in red top or serum separator tube, lavender top**	**1-2 days**
T690	**Canine Parvovirus Antibody Titer** Parvovirus IgG, Parvovirus IgM Evaluation of IgM and IgG titers consistent with Canine Parvovirus exposure. Titers must be interpreted in light of previous vaccination and clinical signs. Interferences: marked hemolysis or marked lipemia if unable to clear by centrifugation.	**0.5 mL serum in red top or serum separator tube**	**1-3 days**

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CODE	TEST NAME | DESCRIPTION | COMPONENTS	SPECIMEN	TAT*
T1010	**Cardio BNP-Canine** Antech Cardio BNP - Canine This test provides a quantitative assessment of canine heart health by measuring the concentration of the carboxy terminal of the BNP peptide (cBNP), which is released by cardiac myocytes in response to stretch and stress. Note: draw 2.0 mL of whole blood into an LT tube, centrifuge for plasma, draw 0.5 mL plasma from the tube, and inject into closed BNP tube. Keep sample cold. It requires a specific BNP tube for submission.	**0.5 mL EDTA plasma injected into BNP tube**	**2-3 days**
T120	**Chloride** Interferences: marked lipemia. Serum should be separated within 1 hour after draw.	**0.5 mL serum in red top or serum separator tube**	**24 hours** Performed each shift
T125	**Cholesterol** Interferences: marked hemolysis and lipemia.	**0.5 mL serum in red top or serum separator tube**	**24 hours** Performed each shift
T235	**Cholinesterase - Serum** Test used to diagnose organophosphate toxicity.	**0.5 mL serum in red top or serum separator tube**	**5-7 days**
T840	**Cobalamin B12** Generally used as part of a larger panel when evaluating for malassimilation/maldigestion. Note: ideally freeze and ship on ice. Otherwise submit fresh on ice.	**0.5 mL serum in red top or serum separator tube**	**1-2 days**
S16195	**Cobalamin B12/Folate** Used to further evaluate gastrointestinal signs where malassimilation and maldigestion are suspected. Additional measurement of TLI is recommended to ensure the most accurate interpretation of results. Note: pets should fast overnight prior to sampling. Hemolysis can affect folate results. Previous vitamin supplementation will cause elevated concentrations. Send/ship test on ice packs.	**0.5 mL serum in red top or serum separator tube**	**1-2 days**
SA160	**Cobalamine, Folate, TLI Canine** Used to further evaluate gastrointestinal signs where malassimilation and maldigestion are suspected. Note: pet should fast overnight. Hemolysis of sample may affect folate results. Previous vitamin supplementation will cause elevated concentrations.	**1.0 mL serum in red top or serum separator tube**	**1-2 days**

CODE	TEST NAME | DESCRIPTION | COMPONENTS	SPECIMEN	TAT*
SA275	**Cobalamine, Folate, TLI Feline** Used to further evaluate gastrointestinal signs where malassimilation and maldigestion are suspected. Note: pet should fast overnight. Hemolysis of sample may affect folate results. Previous vitamin supplementation will cause elevated concentrations.	**1.5 mL serum in red top or serum separator tube**	**1-9 days**
S16210	**Copper Level** This is used to detect exposure to excessive copper. Note: submit sample on ice. In the case of a primary copper, hepatopathy only a quantitative copper on liver tissue combined with histopathology can confirm the diagnosis.	**1.0 mL serum or plasma, 5 grams fresh liver, 50 mg fresh liver biopsy (approx. 3 Tru-Cut samples), 3.0 mL urine, or 500 g Feed. For birds: 0.3 mL serum or plasma is adequate. For ruminants and camelids: 5 grams fresh kidney is required.**	**10-14 days**
S16215	**Copper Storage Disease** Tissue Copper Quantification To be used when a quantitative copper level is required on hepatic tissue. Note: a minimum of 5 grams of fresh liver in saline is the ideal sample.	**5 grams fresh liver tissue placed in saline**	**10-14 days**
S16225	**Corona Virus IgG and IgM** Evaluation for IgM and IgG antibody to canine coronavirus.	**0.5 mL serum in red top or serum separator tube**	**3-5 days**
T130	**CPK** Interferences: marked hemolysis and lipemia.	**0.5 mL serum in red top or serum separator tube**	**24 hours** Performed each shift
T135	**Creatinine** Interferences: marked hemolysis and lipemia.	**0.5 mL serum in red top or serum separator tube**	**24 hours** Performed each shift

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CODE	TEST NAME | DESCRIPTION | COMPONENTS	SPECIMEN	TAT*
SA350	**Crypto, *Giardia*, *Clostridium* Enterotoxin** *Clostridium perfringens* Enterotoxin, *Giardia* (FA), *Cryptosporidium* (FA), *Giardia* ELISA A panel that can be considered when suspecting *Clostridium perfringens*, *Cryptosporidium* spp., or *Giardia* spp. as the cause for gastroenteritis. Submission includes *Cryptosporidium* spp. *Giardia* spp. evaluated by FA, *Clostridium* perfringes enterotoxin assessment and a *Giardia* ELISA Antigen detection. Note: the specimen must arrive cold (send on ice) and must be tested within 24 hours of collection for accuracy with regards to Clostridial enterotoxin detection.	**10 grams feces in Antech provided fecal container**	**1-2 days**
T350	**D-Dimer** This test is used to measure the concentration of D dimers. Interferences: marked hemolysis or lipemia. Note: moderately to markedly lipemic samples can cause D dimer results to be spuriously decreased. Citrated Whole Blood (Blue Top Tube) or citrated plasma is the only acceptable sample. The tube should be >2/3rds filled. If submitting separated citrated plasma, label it as Citrated Plasma.	**0.5 mL citrated plasma or citrated whole blood in blue top tube at least 2/3rds full to the fill line**	**24 hours** Performed each shift
ADD270	**Distemper Parvo Titer Add-on** This test detects IgG antibodies against canine parvovirus and canine distemper virus using ELISA. Results are reported as positive (protective) or negative (insufficient neutralizing antibody detected).This test is not to be used in patient suspected of having distemper or parvovirus infection. Interferences: marked hemolysis or lipemia. This test does not give an endpoint titer result. This test is only meant to be used to determine if the amount of antibody present would be sufficient to protect the patient in the face of exposure. This test should not be used on dogs with current or recent clinical signs of distemper or parvovirus infection.	**0.5 mL serum in red top or serum separator tube**	**1-3 days**
T565 **Add-on Equivalent ADD270**	**Distemper Parvo Vaccinal Titer** This test detects IgG antibodies against canine parvovirus and canine distemper virus using ELISA. Results are reported as positive (protective) or negative (insufficient neutralizing antibody detected).This test is not to be used in patient suspected of having distemper or parvovirus infection. Interferences: marked hemolysis and lipemia. This test should not be used on dogs with current or recent clinical signs of distemper or parvovirus infection as a positive may indicate a response to infection rather than protection.	**0.5 mL serum in red top or serum separator tube**	**1-3 days**
S16250	**Distemper Smear, FA** This test is helpful in making a diagnosis of distemper, in the absence of recent vaccination, when used in conjunction with clinical signs.	**EDTA whole blood in lavender top tube, or unstained peripheral blood, buffy coat or urine sediment smears**	**1-5 days**

CODE	TEST NAME | DESCRIPTION | COMPONENTS	SPECIMEN	TAT*
T560	**Distemper Vaccinal Titer** This test detects IgG antibodies against canine distemper virus. The result is reported as positive or negative. A titer is not reported. This test is not to be used in patients suspected to be ill from distemper virus infection. Interferences: marked hemolysis and lipemia.	**0.5 mL serum in red top or serum separator tube**	**1-2 days**
T675	**Distemper/Parvo IgG End Point Titer** Distemper IgG End PT Titer, Parvo IgG End Point This test provides an endpoint IgG titer for Canine Distemper and Canine Parvovirus exposure. Interferences: marked hemolysis and lipemia.	**0.5 mL serum in red top or serum separator tube**	**1-2 days**
S16865	**FIV Antibody, Western Blot** This is a western blot test to detect antibodies directed against the Feline Immunodeficiency Virus. It may be used as a confirmatory test for the presence of antibodies against FIV. Note: does not differentiate cats infected with FIV from cats vaccinated against or kittens with passive transfer of antibodies against FIV from the queen.	**0.5 mL serum in red top or serum separator tube**	**1-2 days**
SFUN	**Fungal Serology** Fungal Serology (*Histoplasma*, *Blastomyces*, *Aspergillus*) Detects the presence of antibodies to *Histoplasma*, *Blastomyces*, and *Aspergillus*. Detection of antigen is more sensitive than antibody for the diagnosis of histoplasmosis and blastomycosis.	**0.5 mL serum in red top or serum separator tube**	**2-3 days**
SA340	**Fungal Serology with Cocci** Fungal Serology (*Histoplasma*, *Blastomyces*, *Aspergillus*), Coccidioidomycosis Screen and Titer Detects the presence of antibodies to *Histoplasma*, *Blastomyces*, *Aspergillus*, and *Coccidioides* spp. Detection of antigen is more sensitive than antibody for the diagnosis of histoplasmosis and blastomycosis. Interferences: marked lipemia. A titer is only reported for *Coccidioides*. All other results are reported as positive or negative for antibody detection. Both the *Blastomyces* and *Histoplasma* antigen tests are preferred over antibody testing as a diagnostic test.	**1.0 mL serum in red top or serum separator tube**	**2-5 days**
T790	***Giardia* (FA) and *Cryptosporidium* (FA)** *Giardia* IFA and *Cryptosporidium* IFA This assay uses fluoresence-labeled monoclonal antibodies todetect *Giardia* and *Cryptosporidium* cysts in stool samples. Note: *Giardia* FA is less sensitive than the *Giardia* ELISA and O&P tests. *Cryptosporidium* FA is likely more sensitive than an O&P test. The GI PCR panel would be preferred to either FA test with regards to sensitivity and specificity.	**6 grams fresh fecal specimen in Antech provided fecal container**	**1-2 days**

CODE	TEST NAME | DESCRIPTION | COMPONENTS	SPECIMEN	TAT*
T150	**Glucose** Interferences: hemolysis or lipemia. Hemolysis may cause false decreases in glucose. Lipemia may cause false increases in glucose.	**0.5 mL serum in red top or serum separator tube**	**24 hours** Performed each shift
S16400	**Herpes - Conjunctival Smear** Conjunctival smears are used to evaluate for the presence of herpes virus antigen in epithelial cells via immunofluorescence. Note: ensure slides have adequate cellularity.	**2 conjunctival smears**	**9-12 days**
S86022	**Herpes Antibody, IFA** Detection of Herpes antibody by IFA.	**0.3 mL serum in red top or serum separator tube**	**5-7 days**
S17029	**Heska ALLERCEPT Environmental & Food Panel**	**3.0 mL serum in red top or serum separator tube**	**4-5 business days**
S17026	**Heska ALLERCEPT Environmental Panel**	**2.0 mL serum in red top or serum separator tube**	**4-5 business days**
S17028	**Heska ALLERCEPT Food Panel**	**1.0 mL serum in red top or serum separator tube**	**4-5 business days**
S17027	**Heska Equine ALLERCEPT Panel**	**3.0 mL serum in red top or serum separator tube**	**4-5 business days**
T660	**Immunoglobulins A, G, M** This test quantifies IgG, IgM and IgA levels by radial immunodiffusion in dogs. Interferences: marked hemolysis or lipemia. Note: reference intervals for adult dogs and cats have been established. However, if submitting serum for a young animal, age-matched controls should be submitted concurrently. References intervals for other species are provided by the manufacturer and are age-dependent. It is imperative to provide the entire signalment, including age, when submitting samples.	**0.5 mL serum in red top tube**	**7-9 days**

CODE	TEST NAME | DESCRIPTION | COMPONENTS	SPECIMEN	TAT*
T155	**Iron, Serum** Interferences: marked hemolysis.	**0.5 mL serum in red top tube or serum separator tube**	**1-2 days**
T160	**LDH Lactic Dehydrogenase** Lactate dehydrogenase (LDH) Interferences: hemolysis. Hemolysis or delayed separation can falsely elevate results.	**0.5 mL serum in red top tube or serum separator tube**	**24 hours**
T745	**Lead Level** Used to detect exposure to lead.	**0.5 mL of EDTA whole blood in lavender top tube**	**3-5 days**
T170	**Magnesium** Interferences: marked hemolysis or lipemia.	**0.5 mL serum in red top or serum separator tube**	**24 hours** Performed each shift
S16535	**Masticatory Muscle Myositis** Masticatory Muscle Myositis - 2M Antibody This test is used to diagnose masticatory myositis by detecting autoantibodies specifically directed against masticatory muscle proteins. Note: this assay may be negative if immunosuppresive dosages of cortisocosteroids have been given for longer that 7-10 days prior to test submission.	**0.5 mL serum in red top or serum separator tube**	**12-15 days**
T810	**Occult Blood, Feces** This is a test for the detection of occult blood in fecal samples. The test is not highly sensitive and is dependent on the amount of heme present and how evenly the heme is spread throughout the sample. Note: diets of red meat, chicken, or fresh/uncooked vegetables may cause false-positive results and should not be eaten for 48 hours prior to testing.	**3 grams feces in Antech provided fecal container**	**1-2 days**
S16575	**Osmolality - Serum** This may be of utility in the evaluation of the causes of PU/PD.	**1.0 mL serum in red top or serum separator tube**	**7-10 days**
S85364	**Pancreatic Lipase Immunoreactivity** Measures concentrations of pancreatic lipase in the serum. Interferences: hemolysis. Note: a 12 hour fast is recommended prior to sample submission.	**0.5 mL serum in red top or serum separator tube**	**5-7 business days**

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CODE	TEST NAME | DESCRIPTION | COMPONENTS	SPECIMEN	TAT*
S86468	**Pancreatitis Profile - Canine** Cobalamin B12/Folate, Canine cTLI, Pancreatic Lipase Immunoreactivity Includes cobalamin (B12), folate, trypsin like immunoreactivity (TLI), and pancreatic lipase immunoreactivity (cPLI). Note: pet should fast overnight. Hemolysis of sample may affect folate results. Previous vitamin supplementation will cause elevated concentrations.	**1.5 mL serum in red top or serum separator tube**	**2-10 days**
S86288	**Pancreatitis Profile - Feline** Cobalamin B12/Folate, Feline fTLI, Pancreatic Lipase Immunoreactivity Includes cobalamin (B12), folate, trypsin like immunoreactivity (TLI), and pancreatic lipase immunoreactivity (fPLI).	**1.5 mL serum in red top or serum separator tube**	**2-10 days**
S16580	**Panleukopenia Titer IgG, IgM** This test evaluates for the presence of IgM and IgG antibodies to the feline panleukopenia virus. It will be positive either due to infection or vaccination against panleukopenia. Kittens may test positive due to transmammary transfer of antibodies. This test will also detect antibodies directed against canine parvovirus in cats infected with CPV-2a and CPV-2b. Interferences: marked hemolysis or lipemia (if unable to clear with centrifugation).	**0.5 mL serum in red top or serum separator tube**	**1-5 days**
S16053 **Add-on Equivalent ADD280**	**Panleukopenia Vaccinal Titer** The test detects IgG antibodies against Panleukopenia via Immunofluorescent antibody assessment (IFA). A titer of 1:5 or greater, in the absence of clinical signs of disease, indicates an immunological response to vaccination. A vaccine titer of less than 1:5 indicates a low level of circulating antibodies. Interferences: marked hemolysis or lipemia (if unable to clear with centrifugation).	**0.5 mL serum in red top or serum separator tube**	**3-5 days**
ADD280	**Panleukopenia Vaccinal Titer Add-on** The test detects IgG antibodies against Panleukopenia via Immunofluorescent antibody assessment (IFA). A titer of 1:5 or greater, in the absence of clinical signs of disease, indicates an immunological response to vaccination. A vaccine titer of less than 1:5 indicates a low level of circulating antibodies. Interferences: marked hemolysis or lipemia (if unable to clear with centrifugation).	**0.5 mL serum in red top or serum separator tube**	**3-5 days**

CODE	TEST NAME | DESCRIPTION | COMPONENTS	SPECIMEN	TAT*
T825	**Parasite Identification** Note: document where on the animal the parasite was noted.	**Parasite sent in 70% ethanol.** Include host species and body location where parasite was collected. If submitting slides with worms, place slides in a leak proof container with 70% ethanol. Other represenative sample types include feather, intestine, liver, fresh tissue, urine, wash/lavage, feces or vomitus **Jar with formalin or alcohol, slides in 70% alcohol**	**10-12 days**
T700	**Parvo Antibody, Antigen** Parvovirus Antigen, Canine Parvovirus Antibody Titer Detects parvovirus antigen in fecal samples and evaluates a concurrent serum sample for IgM and IgG titers consistent with Canine Parvovirus exposure. Note: modified live virus vaccination for parvovirus may give false-positive results for about two weeks after vaccination. A negative test does not rule out parvovirus infection.	**0.5 mL serum and 5 grams feces** Serum in red top or serum separator tube, Antech provided fecal container	**1-3 days**
T705	**Parvovirus Vaccinal Titer** Used to evaluate current IgG levels to Parvovirus in light of previous vaccination. Interferences: marked hemolysis or lipemia. Note: not to be used in dogs with current or recent clinical signs of parvovirus infection as a positive may indicate response to infection rather than protection.	**0.5 mL serum in red top or serum separator tube**	**1-3 days**
T180	**Phosphorus** Interferences: marked hemolysis or lipemia.	**0.5 mL serum in red top or serum separator tube**	**24 hours** Performed each shift
T185	**Potassium** Interferences: hemolysis and marked lipemia.	**0.5 mL serum in red top or serum separator tube**	**24 hours** Performed each shift

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CODE	TEST NAME | DESCRIPTION | COMPONENTS	SPECIMEN	TAT*
T245	**Protein Electrophoresis (Urine)** Urine Protein Electrophoresis (Total Protein, Albumin, Globuin, Alpha 1, Alpha 2, Beta 1, Gamma 1 with Interpretation) Evaluation for Bence Jones proteins in Urine.	**1.0 mL urine in urine transport tube**	**2-4 days**
ADD130	**Protein Electrophoresis Add-on** Total protein, Albumin, Globulin, Alpha 1, Alpha 2, Beta 1, and Gamma 1 fraction assessment with interpretation. An evaluation of the globulin fraction of the serum (alpha 1, alpha 2, beta, and gamma) to determine if the globulin fraction is monoclonal based on these components. Interferences: hemolysis may interfere with results. Serum must be less than 48 hours of age to add-on this test.	**0.5 mL serum in red top or serum separator tube**	**2-4 days**
T9810	**Relaxin** Relaxin is a hormone produced by the placenta, and detection of relaxin in serum or plasma is a sensitive and specific test for pregnancy in dogs and cats. Interferences: marked hemolysis.	**0.2 mL serum in red top or serum separator tube**	**2-3 days**
S16702	**Rhinotrachitis Feline** Viral Neutralization Antibody Titer This is a semi-quantitative titer that is correlated to the amount of protective humoral antibody present in relation to previous feline rhinotracheitis vaccination (feline herpes virus).	**1.0 mL serum in red top or serum separator tube**	**10-12 days**
S16730	**Selenium Level** Interferences: marked hemolysis or lipemia.	**1.0 mL serum in red top or serum separator tube (spun), 1.0mL EDTA whole blood in lavender top tube, or 10.0 grams of feed (representative sample)**	**7-10 days**
T195	**Sodium** Interferences: marked hemolysis or lipemia.	**0.5 mL serum in red top or serum separator tube**	**24 hours** Performed each shift
T200	**Sodium And Potassium Combo** Sodium, Potassium, and NA/K Ratio Sodium and potassium evaluation Interferences: hemolysis and marked lipemia. Hemolysis will falsely elevate results.	**0.5 mL serum in red top or serum separator tube**	**24 hours** Performed each shift

CODE	TEST NAME | DESCRIPTION | COMPONENTS	SPECIMEN	TAT*
T485	**T3 Autoantibodies** Detection of T3 autoantibody is used to assess the presence of autoimmune thyroid disease. This test is less sensitive to autoimmune thyroid disease than the thyroglobulin autoantibody (TGAA) test.	**0.5 mL serum in red top or serum separator tube**	**2-3 days**
T500	**T4 Autoantibodies** Detection of T4 autoantibody is used to assess the presence of autoimmune thyroid disease. This test is less sensitive to autoimmune thyroid disease than the thyroglobulin autoantibody (TGAA) test.	**0.5 mL serum in red top or serum separator tube**	**2-4 days**
S16755	**Taurine** Measurement of taurine concentration in whole blood via HPLC. Note: do not fast prior to sample submission. Whole blood submitted in a green-top refrigerated is preferred. EDTA may also be used but taurine concentrations in EDTA anticoagulated blood will be slightly lower than in a GTT.	**1.0 mL heparinized whole blood in green top tube**	**10-14 days**
SA330	**Tick Borne Disease Panel** *Ehrlichia canis*, Lyme Titer IgG, and Rocky Mountan Spotted Fever IFA Detects the presence of antibodies to *Ehrlichia canis*, *Borrelia burgdorferi* (Lyme), and Rocky Mountain Spotted fever. Interferences: marked hemolysis or lipemia.	**1.0 mL serum in red top or serum separator tube**	**1-2 days**
S16800	**TLI, Feline** Trypsin-Like Immunoreactivity Use to confirm feline exocrine pancreatic insufficiency (EPI). Note: recommend fasting for 8-12 hours prior to drawing sample. Spin and separate serum from clot.	**1.0 mL serum in red top or serum separator tube**	**7-10 days**
T190	**Total Protein** Interferences: marked hemolysis or lipemia	**0.5 mL serum in red top or serum separator tube**	**24 hours** Performed each shift
T127	**Triglyceride, Chol. Panel** Triglyceride and cholesterol Interferences: marked hemolysis and lipemia.	**0.5 mL serum in red top or serum separator tube**	**24 hours** Performed each shift
T205	**Triglycerides** Interferences: marked hemolysis or lipemia.	**0.5 mL serum in red top or serum separator tube**	**24 hours** Performed each shift

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CODE	TEST NAME | DESCRIPTION | COMPONENTS	SPECIMEN	TAT*
T230	**Trypsin-Like Immunoreac Canine cTLI** Canine Trypsin- Like Immunoreactivity (cTLI is) used to diagnose exocrine pancreatic insufficiency. Note: a 12-hour fast is required. Canine only.	**0.5 mL serum in red top or serum separator tube**	**1-2 days**
S16870	**Zinc** Evaluation of blood zinc level Note: plasma or serum needs to be separated from cells and transferred to a plastic vial. Do not use tubes with rubber stoppers.	**0.3 mL of serum in royal blue top tube or plastic transfer tube**	**7-10 days**
T730 **Add-on Equivalent ADD320**	**Bromide** This test is used to monitor bromide therapy. Therapeutic serum bromide concentrations should be measured at three weeks after initiating therapy, but steady-state concentrations may fluctuate among dogs due to differences in drug clearance and bioavailability. Interferences: gel may interfere with test. Do not use a serum separator tube for sample draw or submission.	**0.5 mL serum in red top tube. Submission in serum separator tube is not recommended.**	**1-2 days**
ADD320	**Bromide Add-on** This test is used to monitor bromide therapy. Therapeutic serum bromide concentrations should be measured at three weeks after initiating therapy, but steady-state concentrations may fluctuate among dogs due to differences in drug clearance and bioavailability.	**0.5 mL serum in red top tube. Submission in serum separator tube is not recommended.**	**1-2 days**
S18702	**Cyclosporine** Used to assess the cyclosporine drug level being achieved, at the current drug dosing, in a given patient. Note: peak drug level occurs 2 hours post medication. Trough drug level will occur just prior to the next 12-hour dose.	**2.0 mL EDTA whole blood in lavender top tube**	**7-10 days**
T735	**Digoxin** Digoxin level Interferences: hemolysis, gel may interfere with test. Do not use a serum separator tube for sample draw or submission.	**0.5 mL serum in red top tube collected 8 hours post pill**	**1-2 days**
S86541	**Keppra Level** Interferences: hemolysis and gel in serum separator tube may interfere with test.	**2.0 mL serum in red top or non-additive tube. Submission inserum separator tube is not recommended**	**5-7 days**
T750 **Add-on Equivalent ADD315**	**Phenobarbital** Phenobarbital level Interferences: hemolysis and gel in serum separator tube may interfere with test. Do not use a serum separator tube for sample draw or submission.	**0.5 mL serum in red top tube. Submission in serum separator tube is not recommended.**	**1-2 days**

CODE	TEST NAME | DESCRIPTION | COMPONENTS	SPECIMEN	TAT*
ADD315	**Phenobarbital Add-on** Phenobarbital level Interferences: hemolysis and gel in serum separator tube may interfere with test.	**0.5 mL serum in red top tube. Submission in serum separator tube is not recommended.**	**1-2 days**
SA830	**Phenobarbital Panel Plus** Liver Chemistry with Electrolytes, CBC, Bile Acids, Phenobarbital Includes a chemistry (SA324), complete blood count, a single bile acids, and a phenobarbital level. Interferences: marked hemolysis and lipemia. All therapeutic drug monitoring should be submitted as serum in a red top tube. A serum separator tube should not be used in sample collection as the drug concentration being measured may be erroneously decreased by as much as 30% due to binding with gel. Ursodeoxycholic acid may be detected by bile acid assay, causing falsely elevated values.	**1.5 mL serum and 1.0 mL EDTA whole blood** Serum in red top tube, lavender top	**1-2 days**
S86480	**Zonisamide Zonegran** Zonisamide concentration Interferences: hemolysis, gel may interfere with test.	**0.5 mL serum in red top tube. Submission in serum separator tube is not recommended.**	**3-5 days**

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AVIAN • EXOTICS

CODE	TEST NAME | DESCRIPTION | COMPONENTS	SPECIMEN	TAT*
S17116	**Adrenal Androgen Panel For Ferrets** Estradiol, 17-OH Progesterone, Androstenedione	**0.5 mL heparinized plasma spun in green microvial with gel separator**	**10-14 days**
S16011	***Aspergillus* AB Avian (AFMP1P ELISA)** Avian *Aspergillus* Antibody	**0.5 mL serum in microtainer or regular serum separator tube (spun)**	**5-7 days**
S85358	***Aspergillus* Ag, Galactomannan Assay** *Aspergillus* Antigen, Galactomannan Assay (Avian) Antigen detection test (EIA immunoenzymatic sandwich microplate assay) for galactomannan.	**Canine or Feline: 0.8 mL serum in red top or serum separator tube** **Avian: 0.1 mL serum in red top or serum separator tube**	**7-10 days**
S85359	***Aspergillus* Profile Avian** *Aspergillus* Antibody Avian, *Aspergillus* Ag. Galactomannan Assay, Avian Protein Electrophoresis	**1.0 mL serum or 1.0 mL heparinized plasma** 2 green top micro vials (with gel) OR 2 serum in red top or serum separator tubes	**2-10 days**
AE290	**Avian Blood Lead**	**0.5 mL of heparinized whole blood collected in green top tube**	**3-5 days**

CODE	TEST NAME | DESCRIPTION | COMPONENTS	SPECIMEN	TAT*
AE021	**Avian Comprehensive Profile with Bile Acid**	**0.75 mL of heparinized plasma, 0.5 mL of heparinized whole blood and 2 freshly prepared blood smears** 2 green top micro vials (with gel), green top micro vial (no gel) or 2 hematocrit tubes, slide holders	**24 hours** Performed each shift
AE025	**Avian Comprehensive Profile with Bile Acid, EPH** Comprehensive Avian Profile with Bile Acids (Avian/ Exotic), and Avian Protein Electrophoresis	**0.75 mL of heparinized plasma, 0.5 mL of heparinized whole blood and 2 freshly prepared blood smears** 2 green top micro vials (gel), green top micro vial (no gel) or 2 hematocit tubes, slide holders	**1-3 days**
AE010	**Avian Comprehensive Chemistries** Total Protein, Albumin, Globulin, SGOT (AST), Phosphorus, Glucose, Calcium, Sodium, Potassium, Chloride, Cholesterol, CPK, Uric Acid	**0.5 mL heparinized plasma in spun green top micro vial with gel**	**24 hours** Performed each shift
AE300	**Avian Protein Electrophoresis** Includes Total Protein, Pre-Albumin, Albumin, Alpha 1, Alpha 2, Beta and Gamma	**0.5 mL heparinized plasma in green micro vial (with gel)**	**2-3 days**
AE040	**Avian Standard Chemistries** Includes Total Protein, SGOT (AST), Phosphorus, Glucose, Calcium, CPK, and Uric Acid	**0.5 mL heparinized plasma in green micro vial (with gel)**	**24 hours** Performed each shift

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CODE	TEST NAME | DESCRIPTION | COMPONENTS	SPECIMEN	TAT*
AE051	**Avian Standard Profile with Bile Acid** Standard Avian Profile with Electrolytes, Avian/ Exotic CBC, and Avian/Exotic Bile Acids	**0.75 mL of heparinized plasma, 0.5 mL of heparinized whole blood and 2 freshly prepared blood smears** 2 green top micro vials (with gel), green top micro vial (no gel) or 2 hematocrit tubes, slide holders	**1-2 days**
AE055	**Avian Standard Profile with Bile Acid, EPH** Standard Avian Profile with Electrolytes, Bile Acids Avian/ Exotic, and Avian Protein Electrophoresis	**0.75 mL of heparinized plasma, 0.5 mL of heparinized whole blood and 2 freshly prepared blood smears** 2 green top micro vials (with gel), green top micro vial (no gel) or 2 hematocrit tubes, slide holders	**1-3 days**
S16012	**Avian Zinc Assay**	**0.5 mL serum in yellow micro vial with gel**	**7-10 days**
AE270	**Avian/Exotic CBC** Includes WBC Estimate, Thrombocyte Estimate, Hematocrit, Blood Parasites, and Differential: Percent and Absolute Heterophils, Bands, Lymphocytes, Monocytes, Eosinophils, Basophils and Azurophilic Monocytes Interferences: marked hemolysis. EDTA whole blood is not preferred because it tends to cause hemolysis in reptiles and in some avian species	**0.5 mL of heparinized whole blood in green top tube with 2 freshly prepared blood smears**	**24 hours** Performed each shift
AE260	**Bile Acids Avian/Exotic** Single Bile Acids, Avian/Exotic Interferences: marked hemolysis or lipemia. Ursodeoxycholic acid may be detected by bile acid assay, causing falsely elevated values.	**0.5 mL serum in red top or serum separator tube**	**1-2 days**

CODE	TEST NAME | DESCRIPTION | COMPONENTS	SPECIMEN	TAT*
S16671	***Chlamydia* Antibody Titer IFA**	**0.5 mL serum in red top or serum separator tube**	**7-10 days**
S16788	***Chlamydia* PCR Blood**	**0.5 mL heparinized whole blood in green top tube**	**10-12 days**
S16672	***Chlamydia* PCR Swab**	**Avian: Swab in red top tube (combined choanal & cloacal) Feline & other species: comjunctival swab in red top**	**7-10 days**
S85206	***Chlamydia* Profile** *Chlamydophila* PCR Blood, *Chlamydophila* Antibody Titer IFA, *Chlamydophila* Titer EBA, *Chlamydophila* PCR Swab, *Chlamydophila* Titer EBA, *Chlamydophila* PCR Swab	**0.4 mL heparinied whole blood, 0.4 mL serum, swab in red top tube (combined choanal & cloacal)** Green top micro vial (with gel), green top micro vial (no gel), swab (Combined Choanal & Cloacal)	**7-14 days**
S16670	***Chlamydia* Titer EBA** Psittacosis	**0.5 mL serum in serum separator tube**	**7-14 days**
AE030	**Comprehensive Avian Post Purchase** Avian Comprehensive Chemistries, *Chlamydophila* Titer EBA, *Giardia* ELISA, Gram Stain, Psittacine Beak and Feather Disease, Polyoma PCR Swab, Avian Protein Electrophoresis, Avian/Exotic CBC	**1.0 mL heparinized plasma, 1.0 mL heparinized whole blood, 0.5 grams feces, and 2 fecal swabs** Antech provided fecal container, 3 green top micro vials (with gel), green top micro vial (whole blood), 2 hematocrit tubes, 2 slides, swabs in white tube (2 fecals)	**1-10 days**

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CODE	TEST NAME | DESCRIPTION | COMPONENTS	SPECIMEN	TAT*
AE020	**Comprehensive Avian Profile** Avian/Exotic CBC, Avian Comprehensive Chemistries	**0.5 mL of heparinized plasma, 0.5 mL of heparinized whole blood and 2 freshly prepared blood smears** Green top micro vial (with gel), green top micro vial (no gel) or 2 hematocrit tubes, slide holder	**24 hours** Performed each shift
AE200	**Comprehensive Mammalian Profile** CBC Small Mammalian, Mammalian Comprehensive Chemistries	**0.5 mL serum and 1.0 mL whole blood** Serum in red top or serum separator OR green top micro vial (with gel), lavender or green top vial (no gel)	**24 hours** Performed each shift
REREP	**Comprehensive Reptilian (Recheck)** Avian/Exotic CBC, Reptilian Comprehensive Chemistries	**0.5 mL of heparinized plasma, 0.5 mL of heparinized whole blood, and 2 freshly prepared blood smears** Green top micro vial (with gel), green top micro vial (no gel) or 2 hematocrit tubes, slide holder	**24 hours** Performed each shift
AE160	**Comprehensive Reptilian Profile** Avian/Exotic CBC, Reptilian Comprehensive Chemistries	**0.5 mL of heparinized plasma, 0.5 mL of heparinized whole blood, and 2 freshly prepared blood smears** Green top micro vial (with gel), green top micro vial (no gel) or 2 hematocrit tubes, slide holder	**24 hours** Performed each shift

CODE	TEST NAME | DESCRIPTION | COMPONENTS	SPECIMEN	TAT*
AE070	**Diarrhea Profile Avian** Comprehensive Avian Profile, Gram Stain, Culture, Aerobic Culture, *Giardia* ELISA Interferences: marked hemolysis and lipemia.	**0.5 mL heparinized plasma, 0.5 mL whole blood, 2 fecal slides, 0.5 grams of feces, and culturette** Green top micro vial (with gel), green top micro vial (no gel) or 2 hematocrit tubes, slide holder, culturette	**1-2 days**
S16501	**Distemper PCR**	**2.0 mL urine in urine transport tube, EDTA whole blood in lavender top tube, CSF OR other body cavity fluid in red top or lavender top tube**	**5-9 days**
S16107	**Distemper Titer-Virus Neutraliz.**	**0.5 mL serum in red top or serum separator tube**	**14-21 days**
S16877	***Encephalitozoon cuniculi* IgG Ab** Interferences: marked hemolysis.	**0.10 mL spun serum or spun heparinized plasma in plain, non-additive transport tube**	**3-5 days**
AE080	**Feather Picker Profile** Comprehensive Avian Profile, Culture (Aerobic), *Giardia* ELISA, Gram Stain, Psittacine Beak and Feather Disease, Avian Protein Electrophoresis	**1.0 mL heparinized plasma, 1.0 mL heparinized whole blood and 2 freshly prepared blood smear, culturette, 2 fecal slides and 0.5 grams of feces** 2 green top micro vial (with gel), green top micro vial (whole blood) or 2 hematocrit tubes, slide holders, Antech provided fecal container, culturette	**1-7 days**

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CODE	TEST NAME | DESCRIPTION | COMPONENTS	SPECIMEN	TAT*
AE230	**Geriatric Weak Ferret Profile** Mammalian Comprehensive Chemistries, Insulin Ferret, Urinalysis, CBC Small Mammalian	**1.0 mL serum, 1.0 mL EDTA whole blood, and 6.0 mL urine** Serum in red top or serum separator OR 2 green top micro vial (gel), lavender or green top vial (no gel), urine transport tube	**1-3 days**
AE090	**Hepatic Profile** Comprehensive Avian Profile, Bile Acids Avian/Exotic, *Chlamydophila* Titer EBA, Avian Protein Electrophoresis	**1.0 mL heparinized plasma (in green microtainer with gel separator) and 0.5 mL heparinized whole bood**	**1-14 days**
AE190	**Mammalian Comprehensive Chemistries** Total Protein, Albumin, Globulin, SGOT (AST), SGPT (ALT), Alk Phos, T. Bilirubin, Bun, Creatinine, Phosphorus, Glucose, Calcium, Sodium, Potassium, Chloride, Cholesterol, CPK	**0.5 mL serum in red top or serum separator OR green top micro vial (gel)**	**24 hours** Performed each shift
AE210	**Mammalian Standard Chemistries** Total Protein, SGPT (ALT), Alk Phos, T. Bilirubin, Bun, Creatinine, Phosphorus, Glucose, Calcium	**0.5 mL serum in red top or serum separator OR green top micro vial (gel)**	**24 hours** Performed each shift
AE060	**Mini Avian Post Purchase** Comprehensive Avian Profile, Gram Stain, Avian Protein Electrophoresis	**0.75 mL heparinized plasma, 0.5 mL heparinized whole blood and 2 freshly blood smears, and fecal slides** Green top micro vial (with gel), green top micro vial (no gel) or 2 hematocrit tubes, slide holder, culturette	**1-3 days**
S16789	***Mycoplasma* PCR**	**Tissue (fresh) OR fluid (ocular, conjunctival, BAL) OR nasal swab**	**10-12 days**

CODE	TEST NAME | DESCRIPTION | COMPONENTS	SPECIMEN	TAT*
S16085	**Psittacine Beak and Feather Disease**	**0.5 mL EDTA or heparinized whole blood in lavender or green top tube**	**7-10 days**
AE110	**PU/PD Profile** Avian Comprehensive Chemistries, Avian/Exotic CBC, Avian Protein Electrophoresis, Urinalysis	**0.5 mL heparinized plasma, 0.5 mL heparinized whole blood and 2 freshly preapred blood smear, and 1 mL urine** Green top micro vial (with gel), green top micro vial (no gel) or 2 hematocrit tubes, slide holder, urine transport tube	**1-3 days**
AE240	**Rabbit Neurologic Profile** CBC Small Mammalian, Mammalian Comprehensive Chemistries, *Encephalitozoon cuniculi* IgG Ab, Pasteurella Antibody Titer	**1.0 mL of serum or heparinized plasma and 1.0 mL EDTA whole blood** 3 green top micro vials (with gel), lavender top or green top vial (no gel)	**1-10 days**
RECHECKAV	**Recheck Comprehensive Avian** Avian/Exotic CBC, Avian Comprehensive Chemistries	**0.5 mL heparinized plasma and 0.5 mL heparinized whole blood** Green top micro top vial (gel), green top micro vial (no gel) or 2 hematocrit tubes, slide holders	**24 hours** Performed each shift
AE150	**Reptilian Comprehensive Chemistries** Total Protein, Albumin, Globulin, SGOT (AST), Bun, Phosphorus, Glucose, Calcium, Sodium, Potassium, Chloride, CPK, and Uric Acid Interferences: marked hemolysis and lipemia.	**0.5 mL serum in red top or serum separator OR green top micro vial (gel)**	**24 hours** Performed each shift
AE170	**Reptilian Standard Chemistries** Total Protein, SGOT (AST), Phosphorus, Glucose, Calcium, CPK, and Uric Acid Interferences: marked hemolysis and lipemia.	**0.5 mL serum in red top or serum separator OR green top micro vial (gel)**	**24 hours** Performed each shift

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AE050	**Standard Avian Profile** Avian/Exotic CBC, Avian Standard Chemistries with Electrolytes Interferences: marked hemolysis or lipemia.	**0.5 mL heparinized plasma and 0.5 mL heparinized whole blood** Green top micro vial (gel), 1 green top vial (no gel) or 2 hematocrit tubes with 2 slides	**24 hours** Performed each shift
AE220	**Standard Mammalian Profile** CBC Small Mammalian, Mammalian Standard Chemistries with Electrolytes Interferences: marked hemolysis or lipemia.	**0.5 mL serum and 1.0 mL EDTA whole blood** Serum in red top or serum separator OR green micro vial (gel), lavender or green vial (no gel)	**24 hours** Performed each shift
AE180	**Standard Reptilian Profile** Avian/Exotic CBC, Reptilian Standard Chemistries with Electrolytes Interferences: marked hemolysis or lipemia.	**0.5 mL heparinized plasma and 0.5 mL heparinized whole blood with 2 freshly prepared blood smears** Green top micro vial (with gel), 1 green top vial (no gel) or 2 hematocrit tubes, slide holder	**24 hours** Performed each shift
S16792	***Toxoplasma* antibody - Exotics**	**1.0 mL serum in red top or serum separator tube**	**7-14 days**
S85448	**West Nile Titer (PRNT & IgM ELISA)**	**1.0 mL serum in red top or serum separator tube (mammals) OR0.1 mL heparinized plasma (avians)**	**7-14 days**

CODE	TEST NAME | DESCRIPTION | COMPONENTS	SPECIMEN	TAT*
S85449	**West Nile Virus PCR**	**Equine: 1.0 mL EDTA whole blood in lavender top tube, CSF,brain or spinal cord. Avian: Kidney in sterile container, EDTA or heparinized whole blood, or tissue (brain or heart) Other mammals: EDTA whole blood, CSF, brain or spinal cord**	**3-7 days**
S16095	**Zoogen Avian DNA Sexing**	**Blood spot on ASEX TRF** 0.3 mL EDTA whole blood in lavender top tube or heparinized whole blood in green top tube or green top micro vial, heparinized hematocrit tube (1/3rd full), or egg shell (with blood membranes attached). Feathers are acceptable, but the DNA extraction rate is low.	**3-6 days**

EQUINE • LARGE ANIMAL ESSENTIAL PANELS

	EQUINE CHEMISTRY L010	EQUINE PERFORMANCE HORSE CHEMISTRY L601	EQUINE HEPATIC SCREEN L225	EQUINE RENAL SCREEN L240	RUMINENT CHEMISTRY L1001
A/G Ratio	●	●			●
Albumin	●	●	●	●	●
Alkaline Phosphatase	●	●	●		●
AST (SGOT)	●	●	●		●
BUN	●	●	●	●	●
BUN/Creatinine Ratio	●	●			●
Calcium	●			●	●
Chloride	●	●	●	●	●
Cholesterol	●				●
CPK	●	●			●
Creatinine	●	●		●	●
Direct Bilirubin	●		●		●
GGT	●	●	●		●
Globulin	●	●	●		●
Glucose	●			●	●
LDH	●		●		●
Magnesium					●
NA/K Ratio	●				●
Phosphorus	●			●	●
Potassium	●	●	●	●	●
Sodium	●	●	●	●	●
Total Bilirubin	●		●		●
Total Protein	●	●	●	●	●
Triglyceride	●				●

EQUINE

CODE	TEST NAME | DESCRIPTION | COMPONENTS	SPECIMEN	TAT*
	EQUINE HEALTH PROGRAM (EHP)		
L510	**Equine Health Program** Equine Chemistry, CBC, Fibrinogen, EIA (AGID), FEC (MST)	**2.0 mL serum, 1.0 mL EDTA whole blood, 0.5 mL of citrated plasma, and 10 grams feces**	**1-4 days**
L510E	**Equine Health Program GVL** Equine Chemistry, CBC, Fibrinogen, EIA (AGID) by GVL, FEC (MST)	**2.0 mL serum, 1.0 mL EDTA whole blood, 0.5 mL of citrated plasma, and 10 grams feces**	**1-4 days**
L510NE	**Equine Health Program (no EIA)** Equine Chemistry, CBC, Fibrinogen, FEC (MST)	**1.0 mL serum, 1.0 mL EDTA whole blood, 0.5 mL of citrated plasma, and 10 grams feces**	**1-2 days**
L511	**Equine Health Program (ELISA)** Equine Chemistry, CBC, Fibrinogen, EIA (ELISA), FEC (MST)	**2.0 mL serum, 1.0 mL EDTA whole blood, 0.5 mL of citrated plasma, and 10 grams feces**	**1-3 days**
L511E	**Equine Health Program GVL (ELISA)** Equine Chemistry, CBC, Fibrinogen, EIA (ELISA) by GVL, FEC (MST)	**2.0 mL serum, 1.0 mL EDTA whole blood, 0.5 mL of citrated plasma, and 10 grams feces**	**1-3 days**
L610	**Equine Performance Horse Health Program** Equine Performance Horse Chemistry, CBC, Fibrinogen, EIA (AGID), FEC (MST)	**2.0 mL serum, 1.0 mL EDTA whole blood, 0.5 mL of citrated plasma, and 10 grams feces**	**1-4 days**
L610E	**Equine Performance Horse Health Program GVL** Equine Performance Horse Chemistry, CBC, Fibrinogen, EIA (AGID) by GVL, FEC (MST)	**2.0 mL serum, 1.0 mL EDTA whole blood, 0.5 mL of citrated plasma, and 10 grams feces**	**1-4 days**
L610NE	**Equine Performance Horse Health Program (no EIA)** Equine Performance Horse Chemistry, CBC, Fibrinogen, FEC (MST)	**1.0 mL serum, 1.0 mL EDTA whole blood, 0.5 mL citrated plasma, and 10 grams of feces**	**1-2 days**

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CODE	TEST NAME | DESCRIPTION | COMPONENTS	SPECIMEN	TAT*
L615	**Equine Senior Health Program** Equine Chemistry, CBC, Fibrinogen, Endogenous ACTH, Insulin, EIA (AGID), FEC (MST) See L525 and T470E for additional drawing instructions.	**3.0 mL of serum, 1.0 mL EDTA whole blood, 0.5 mL of citrated plasma, 10 grams feces, and 1.0 mL EDTA plasma**	**1-4 days**
L615E	**Equine Senior Health Program AGID GVL** Equine Chemistry, CBC, Fibrinogen, Endogenous ACTH, Insulin, EIA (AGID) by GVL, FEC (MST) See L525 and T470E for additional drawing instructions.	**3.0 mL of serum, 1.0 mL EDTA whole blood, 0.5 mL of citrated plasma, 10 grams feces, and 1.0 mL EDTA plasma**	**1-4 days**
L615NE	**Equine Senior Health Program (no EIA)** Equine Chemistry, CBC, Fibrinogen, Endogenous ACTH, Insulin, FEC (MST) See L525 and T470E for additional drawing instructions.	**2.0 mL of serum, 1.0 mL EDTA whole blood, 0.5 mL of citrated plasma, 10 grams feces, and 1.0 mL EDTA plasma**	**1-3 days**
L615T	**Equine Senior Health Program with TRH** Equine Chemistry, CBC, Fibrinogen, TRH Stimulation Test for PPID, Insulin, EIA (AGID), FEC (MST) See L535 and T470E for additional drawing instructions.	**3.0 mL of serum, 1.0 mL EDTA whole blood, 0.5 mL of citrated plasma, 10 grams feces, 1.0 mL Pre EDTA plasma and 1.0 mL Post EDTA plasma**	**1-4 days**
L110	**Equine Infectious Anemia (EIA) AGID** Note: • Equine Infectious Anemia (EIA) testing submission must be accompanied by the currently accepted Federal VS 10-11 FEB 2018 official form. • All blocks of the official form must be completed. • Signed by the submitting veterinarian with a current Federal Category II Accreditation number. • Sample tube labeling must match official form by either horse's name or tube number EXACTLY.	**1.0 mL serum in red top or serum separator tube**	**2-3 days**
L111	**Equine Infectious Anemia (EIA) AGID by GVL** Note: sample tube labeling must match official form by either horse's name or tube number EXACTLY.	**1.0 mL serum in red top or serum separator tube**	**2-3 days**
L120	**Equine Infectious Anemia (EIA) ELISA** Note: • Equine Infectious Anemia (EIA) testing submission must be accompanied by the currently accepted Federal VS 10-11 FEB 2018 official form. • All blocks of the official form must be completed. • Signed by the submitting veterinarian with a current Federal Category II Accreditation number. • Sample tube labeling must match official form by either horse's name or tube number EXACTLY.	**1.0 mL serum in red top or serum separator tube**	**1-3 days**

CODE	TEST NAME | DESCRIPTION | COMPONENTS	SPECIMEN	TAT*
L121	**Equine Infectious Anemia (EIA) ELISA by GVL** Note: sample tube labeling must match official form by either horse's name or tube number EXACTLY.	**1.0 mL serum in red top or serum separator tube**	**1-3 days**
	CBC AND CHEMISTRY		
T332	**CBC And Fibrinogen** Interferences: marked hemolysis or lipemia.	**1.0 mL EDTA whole blood and 0.5 mL citrated plasma (preferred for Fibrinogen)**	**24 hours** Performed each shift
L365	**Fibrinogen Quantitative**	**0.5 mL citrated plasma collected as whole blood in blue top tube at least 2/3rds full to the fill line**	**24 Hours**
L070	**Equine Inflammatory Profile** CBC, Fibrinogen, Plasma Protein Interferences: marked hemolysis or lipemia.	**1.0 mL EDTA whole blood and 0.5 mL citrated plasma**	**24 hours** Performed each shift
T415 **Add-on Equivalent ADD290**	**PT and aPTT** Prothrombin Time. Activated Partial Thromboplastin Time Prothrombin Time and Activated Partial Thromboplastin Time. Prothrombin time measures the integrity of the extrinsic and common components of the coagulation cascade. Partial Thromboplastin Time (PTT) measures the integrity of the intrinsic and common components of the coagulation cascade. Interferences: marked hemolysis or lipemia. Partially full blue top tube may falsely increase sample's coagulation time. Note: clotting of the sample may preclude the analysis. The blue top tube needs to be filled to 2/3 or more of its capacity. Partially full blue top tubes may falsely increase the coagulation times.	**0.5 mL citrated plasma or citrated whole blood in blue top tube at least 2/3rds full to the fill line**	**24 hours** Performed each shift
L010	**Equine Chemistry** Total Protein, Albumin, Globulin, A/G Ratio, AST (SGOT), Alk Phos, GGT, T. Biliburin, D. Bilirubin, BUN, Creatinine, BUN/Creatinine Ratio, Phosphorus, Glucose, Calcium, Sodium, Potassium, NA/K Ratio, Chloride, Cholesterol, Triglyceride, CPK, LDH Panel is recommended for all large animal patients except for Bovine (use code L1001). Sample Handling: serum separator samples should be spun prior to submission. Red top tubes should be spun and serum transferred to a non-additive tube and marked as SERUM. If the serum is not separated from the red blood cells, chemistry values can be affected.	**0.5 mL serum in red top or serum separator tube**	**24 hours** Performed each shift

CODE	TEST NAME | DESCRIPTION | COMPONENTS	SPECIMEN	TAT*
L601	**Equine Performance Horse Chemistry** Total Protein, Albumin, Globulin, A/G Ratio, AST (SGOT), Alk Phos, GGT, BUN, Creatinine, BUN/Creatinine Ratio, Sodium, Potassium, Chloride, CPK Sample Handling: serum separator samples should be spun prior to submission. Red top tubes should be spun and serum transferred to a non-additive tube and marked as SERUM. If the serum is not separated from the red blood cells, chemistry values can be affected.	**0.5 mL serum in red top or serum separator tube**	**24 hours** Performed each shift
L050	**Equine Chemistry, CBC**	**0.5 mL serum and 1.0 mL EDTA whole blood**	**24 hours** Performed each shift
L040	**Equine Chemistry, CBC, Fib** Panel is recommended for all large animal patients except for Bovine (use code L080).	**0.5 mL serum, 1.0 mL EDTA whole blood, and 0.5 mL citrated plasma**	**24 hours** Performed each shift
L040R	**Equine Chemistry, CBC, Fib (RECHECK)** Note: resubmission must be within 30 days of original accession and previous accession number provided on the new request form.	**0.5 mL serum, 1.0 mL EDTA whole blood, and 0.5 mL citrated plasma**	**24 hours** Performed each shift
L640	**Equine Performance Horse Panel** Equine Performance Horse Chemistry, CBC, Fibrinogen	**1.0 mL of serum, 1.0 mL of whole blood, and 0.5 mL of citrated plasma**	**24 hours** Performed each shift
L565	**Equine Chemistry, CBC, Fib, T4, fT4 (ED)** Interferences: T4 evaluation can be affected in a hemolyzed or moderately lipemic sample. Lipemia can falsely decrease T4 results.	**2.0 mL serum, 1.0 mL EDTA whole blood, and 0.5 mL citrated plasma**	**1-4 days**
L035	**Equine Chemistry, CBC, Fib, fT4 (ED)**	**1.5 mL serum, 1.0 mL EDTA whole blood, and 0.5 mL citrated plasma**	**1-4 days**
L030	**Equine Chemistry, CBC, Fib, T4** Interferences: T4 evaluation can be affected in a hemolyzed or moderately lipemic sample. Lipemia can falsely decrease T4 results.	**0.5 mL serum, 1.0 mL EDTA whole blood, and 0.5 mL citrated plasma**	**24 hours** Performed each shift
L290	**Neonatal Foal Panel** Equine Chemistry, CBC, Fibrinogen, Equine IgG Total	**1.0 mL serum, 1.0 mL EDTA whole blood, and 0.5 mL citrated plasma**	**1-3 days**
L090	**Equine IgG Total** IgG is generally used to assess immunoglobulin concentration and passive transfer of immunity in foals or immunoglobulin status in adult horses. This test is species specific for horses. Note: IgG testing is species specific (see Large Animal Section for all non-equine species) Methodology: Immunoturbidimetric method	**0.5 mL serum in red top or serum separator tube, 1.0 mL EDTA whole blood, or plasma from a EDTA whole blood sample** ***If submitting milk transfer to a non-additive tube and clearly marked as MILK**	**1-3 days**

CODE	TEST NAME | DESCRIPTION | COMPONENTS	SPECIMEN	TAT*
L225	**Equine Hepatic Screen** Total Protein, Albumin, Globulin, AST (SGOT), Alk Phos, GGT, T. Biliburin, D. Bilirubin, I. Bilirubin, BUN, Sodium, Potassium, Chloride, LDH	**0.5 mL serum in red top or serum separator tube**	**24 hours** Perfomed each shift
L230	**Equine Hepatic Panel** Equine Hepatic Screen with Electrolytes, Bile Acids	**1.0 mL serum in red top or serum separator tube**	**1-2 days**
T225	**Bile Acids** Interferences: marked hemolysis or lipemia.	**0.5 mL serum in red top or serum separator tube**	**1-2 days**
L1025	**Equine Hepatic Profile** Equine Hepatic Screen, Bile Acids, SDH Note: for SDH must separate serum and place in a non-additive tube marked SERUM. Sample must be kept cold or frozen and submitted within 24 hrs.	**1.5 mL serum and 0.5 mL cold or frozen serum (for SDH testing) in red top or serum separator tube**	**1-2 days**
T250	**Sorbital Dehydrogenase SDH)** Note: separate serum and place in a non-additive tube marked SERUM. Sample must be kept cold or frozen and submitted within 24 hrs.	**0.5 mL serum in red top or serum separator tube (cold or frozen)**	**1-2 days**
L240	**Equine Renal Screen** Total Protein, Albumin, BUN, Creatinine, Phosphorus, Glucose, Calcium, Sodium, Potassium, Chloride Sample Handling: serum separator samples should be spun prior to submission. Red top tubes should be spun and serum transferred to a non-additive tube and marked as SERUM. If the serum is not separated from the red blood cells, chemistry values can be affected.	**0.5 mL serum in red top or serum separator tube**	**24 hours** Performed each shift
L275	**Equine Muscle Enzyme Screen** AST (SGOT), CPK Sample Handling: serum separator samples should be spun prior to submission. Red top tubes should be spun and serum transferred to a non-additive tube and marked as SERUM. If the serum is not separated from the red blood cells, chemistry values can be affected.	**0.5 mL serum in red top or serum separator tube**	**24 hours** Performed each shift
L280	**Equine Muscle Enzyme Screen, CBC, FIB** AST (SGOT), CPK, CBC, Fibrinogen	**1.0 mL of serum, 1.0 mL EDTA whole blood, and 0.5 mL of citrated plasma**	**24 hours** Performed each shift
L190	**Equine Rhabdomyolysis Screen** AST (SGOT), BUN, Creatinine, Phosphorus, Calcium, Sodium, Potassium, Chloride, CPK, LDH Sample Handling: serum separator samples should be spun prior to submission. Red top tubes should be spun and serum transferred to a non-additive tube and marked as SERUM. If the serum is not separated from the red blood cells, chemistry values can be affected.	**0.5 mL serum in red top or serum separator tube**	**24 hours** Performed each shift

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CODE	TEST NAME | DESCRIPTION | COMPONENTS	SPECIMEN	TAT*
T240 **Add-on Equivalent ADD130**	**Protein Electrophoresis (Serum)** Total Protein, Albumin, Globulin, Alpha 1, Alpha 2, Beta 1, Gamma 1, fractional assessment with interpretation. An evaluation of the globulin fraction of the serum (alpha 1, alpha 2, beta, and gamma) to determine if the globulin fraction is monoclonal based on these components. Interferences: marked hemolysis or lipemia.	**0.5 mL serum in red top or serum separator tube**	**2-4 days**
S1680	**Equine Pre-Purchase Drug Screen** Drug Screen (performed at TVMDL) includes the following: Corticosteroids (LC/MS): Betamethasone, dexamethasone, methylprednisolone, prednisolone, prednisone and triamcinolone acetonide NSAIDs: Acetaminophen, acetylsalicylic acid, carprofen, celcoxib, deracoxib, diclofenac, diflunisal, eltenac, ethacrynic acid, etodolac, fenbufen, fenoprofen, firocoxib, flufenamic acid, flunixin, flurbiprofen, ibuprofen, indomethacin, indoprofen, ketoprofen, ketorolac, meclofenamic acid, mefanamic acid, meloxicam, nabumetone, naproxen, oxyphenbutazone, phenylbutazone, piroxicam, salicylic acid, tenoxicam, tolfenamic acid and tolmetin Tranquilizers: trazodone, acepromazine, fluphenazine, fluoxetine, guanabenz, reserpine, romifidine, xylazine, and detomidine Muscle relaxant: Methocarbamol Note: urine is the preferred specimen but serum is acceptable.	**10 mL urine in urine transport tube OR 5.0 mL serum in red top or serum separator** (Mark accordingly)	**7-10 days**
URINE			
T760 **Add-on Equivalent ADD220**	**Urinalysis-Complete** The complete urinalysis includes a physical (color, appearance, USG), chemical (pH, protein, glucose, ketones, bilirubin, occult blood), and microscopic (WBC, RBC, casts crystals, bacteria, transitional and squamous epithelial cells, fat droplets) exam of the urine. Interferences: visible levels of hemolysis, drugs containing dyes, nitrofurantoin, or riboflavin.	**6.0 mL urine in urine transport tube**	**24 hours** Performed each shift
L340	**Fractional Excretion of Electrolytes** Serum: Calcium, Chloride, Creatinine, Phosphorus, Sodium, Potassium Urine: Calcium, Chloride, Creatinine, Phosphorus, Sodium, Potassium Note: serum and urine must be drawn and submitted at the same time.	**1.0 mL serum in red top or serum separator tube AND 1.0 mL urine in urine transport tube (mark each sample as URINE or SERUM)**	**2-3 days**

CODE	TEST NAME | DESCRIPTION | COMPONENTS	SPECIMEN	TAT*
	FECAL		
T826	**FEC: Modified Stoll's Technique** *Strongyle* sp. and *Parascaris* sp. ova (EPG) performed by Modified Stoll's Technique (MST) and qualitative ID of all other parasites Fecal Egg Count by Modified Stoll's Technique test provides quantitative eggs counts for *Strongyle* & *Parascaris* ova reported as eggs per gram (EPG). The lowest detection limit is 2 EPG. Other eggs or parasites seen will be reported. Note: fresh fecal samples should be kept refrigerated until submission. Specimens should be tested within 72 hours of collection.	**10 grams feces in Antech provided fecal container**	**1-2 days**
T828	**FEC: McMasters Method (Large Animal)** *Strongyle* sp. and *Parascaris* sp. ova (EPG) performed by McMaster's Method (MM) and qualitative ID of all other parasites Fecal Egg Count by McMaster's Method test provides an estimated egg count for *Strongyle* & *Parascaris* ova reported as Eggs per gram (EPG). The lowest detection limit is 100 EPG. Other eggs or parasites seen will be reported. Note: fresh fecal samples should be kept refrigerated until submission. Specimens should be tested within 72 hours of collection.	**10 grams feces in Antech provided fecal container**	**1-2 days**
L86181	***Clostridium* Difficile Toxins A/B** *See L950 Equine PCR Gastrointestinal (Diarrhea) Panel also.	**5 grams feces in Antech provided fecal container**	**1-2 days**
T16007	***Clostridium* Perfringens Enterotoxin** *See L950 Equine PCR Gastrointestinal (Diarrhea) Panel also.	**5 grams feces in Antech provided fecal container** Send on ice to keep cold	**1-2 days**
M160	**Culture, Feces** Culture specifically evaluates for *Salmonella, Shigella* and *Campylobacter* spp. Fecal PCR testing is more sensitive and tests for a broader array of potential pathogens.	**5 grams feces in Antech provided fecal container. Submission in lavender top tube (with EDTA) is not acceptable.**	**3-4 days** Preliminary report every 24 hours. Final report available in 72 hours.
M121	**Culture, *Salmonella*** Note: a negative *Salmonella* spp. culture result does not rule out intermittent or lower levels of fecal shedding of *Salmonella* spp., five-day serial submissions are recommended.	**5 grams of feces in Antech provided fecal container**	**3-4 days** Preliminary report available every 24 hours. Final report available in 72 hours.
L496	**Acute Diarrhea Panel** Fecal Culture, *Clostridium perfringens* enterotoxin, *Clostridium difficile* toxins A/B	**10 grams feces in Antech provided fecal container**	**2-4 days**

CODE	TEST NAME | DESCRIPTION | COMPONENTS	SPECIMEN	TAT*
L492	**Foal Diarrhea Panel** FEC (MST), Fecal Culture, *Clostridium perfringens* enterotoxin, *Clostridium difficile* toxins A/B	**10 grams feces in Antech provided fecal container**	**2-4 days**
L420	**Chronic Diarrhea Panel** Equine Chemistry, CBC, Fibrinogen, FEC (MST), Fecal Culture, *Clostridium perfringens* enterotoxin, *Clostridium difficile* toxins A/B	**1.0 mL serum in red top or serum separator tube, 1.0 mL EDTA whole blood, 0.5 mL citrated plasma, and 10 grams of feces**	**1-4 days**
	ENDOCRINOLOGY		
T495 **Add-on Equivalent ADD190**	**T4** Interferences: marked hemolysis and moderate to marked lipemia. Lipemia can falsely decrease T4 results.	**0.5 mL serum in red top or serum separator tube**	**24 hours** Performed each shift
T460 **Add-on Equivalent ADD50**	**Free T4 By Equilibrium Dialysis** Note: this test should not be performed as an add-on to samples older than 5 days.	**0.5 mL serum in red top or serum separator tube**	**2-3 days**
SA370	**Thyroid Profile 2** Total T4, Free T4 By Equilibrium Dialysis Interferences: T4 evaluation can be affected in a hemolyzed or moderately lipemic sample. Lipemia can falsely decrease T4 results.	**1.0 mL serum in red top or serum separator tube**	**1-3 days**
L590	**Equine TRH Stim (Thyroid Function)** Baseline T3, Baseline T4, 2-hr Post T3, 4-hr Post T4	**1.0 mL serum labeled Pre, 0.5 mL serum labeled Post T3, and 0.5 mL serum labeled Post T4. All samples should be in red top or serum separator tube.**	**3-5 days**
L500	**Pituitary Pars Intermedia Dysfunction Monitoring Panel** Equine Chemistry, CBC, Fibrinogen, Endogenous ACTH (Equine), Insulin (Equine), T4 Interferences: T4 evaluation can be affected in a hemolyzed or moderately lipemic sample. Lipemia can falsely decrease T4 results. Note: see L525 and T470E for further sample handling instructions.	**1.0 mL serum in red top or serum separator tube, 1.0 mL EDTA whole blood, 0.5 mL citrated plasma, and 1.0 mL EDTA plasma**	**1-2 days**
L500TRH	**Pituitary Pars Intermedia Dysfunction (PPID) with TRH Stim** Equine Chemistry, CBC, Fibrinogen, TRH Stimulation for PPID, Insulin (Equine), T4 See L535 and T470E for further sample handing instructions.	**1.0 mL serum in red top or serum separator tube, 1.0 mL EDTA whole blood, 0.5 mL citrated plasma, 1.0 mL Pre EDTA plasma and 1.0 mL Post EDTA plasma**	**1-2 days**

CODE	TEST NAME | DESCRIPTION | COMPONENTS	SPECIMEN	TAT*
L560	**Pituitary Pars Intermedia Dysfunction (PPID) with fT4ED** Equine Chemistry, CBC, Fibrinogen, Endogenous ACTH (Equine), Insulin (Equine), T4, Free T4 by Equilibrium Dialysis Sample Handling: see additional information under L525 and T470E.	**2.0 mL serum in red top or serum separator tube, 1.0 mL EDTA whole blood, 0.5 mL citrated plasma, and 1.0 mL EDTA plasma**	**1-3 days**
L525	**Endogenous ACTH (Baseline) Equine** Plasma ACTH levels show a seasonal variation for horses in the northern hemisphere. Seasonally elevated ACTH levels are usually observed between Mid-July to Mid-November. Horses with PPID may have exaggerated levels during this time. Interpretation range values will vary by season. Sample Handling: • 12 hour fast with one flake of hay left in the stall • Draw sample using EDTA whole blood tube • Spin sample with 8 hours of draw (lab will not run the test on unspun samples) • Transfer the plasma to new non-additive tube and mark as PLASMA • Send sample on ice pack	**1.0 mL EDTA plasma in non-additive transport tube (labeled as EDTA plasma)**	**1-2 days**
L540	**Endogenous ACTH, Insulin Panel** Sample Handling: see additional information under L525 and T470E.	**1.0 mL serum (for insulin test) AND 1.0 mL EDTA plasma (for Endogenous ACTH test)**	**1-2 days**
L575	**Endogenous ACTH, Insulin/Glucose, Leptin (Equine)** See additional handling instruction under L525 and T470E.	**2.0 mL serum and 1.0 mL EDTA plasma**	**1-10 days**
S14402	**Leptin Equine** Note: transport refrigerated (on ice packs)	**2.0 mL serum in red top or non-additive tube**	**7-9 Days**
L535	**TRH Stimulation Test for PPID** Endogeneous ACTH (Pre and 10 minute Post) Tests for Cushings Disease (PPID). If Endogenous ACTH results (L525) are normal but disease is strongly suspected, this panel is recommended. Interferences: serum or whole blood submissions will preclude analysis and will NOT be accepted. Sample Handling: see additional information under L525.	**1.0 mL EDTA plasma in plain, non-additive tube labeled as Pre EDTA plasma, and 1.0 mL EDTA plasma in plain, non-additive tube labeled as Post EDTA plasma. All samples should be kept cold.**	**1-2 days**

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CODE	TEST NAME | DESCRIPTION | COMPONENTS	SPECIMEN	TAT*
T470E	**Equine Insulin and Glucose** In horses, a high baseline insulin concentration is indicative of Insulin Dysregulation (ID). However, many horses will have a normal baseline insulin with an abnormal response to sugar ingestion. If baseline results are normal but disease is strongly suspected, an oral sugar test (OST) is recommended see code L545 or L550. Sample Handling: • 12 hour fast with one flake of hay left in the stall • Draw sample in a red top or serum separator tube • Spin sample within 8 hours of draw • Transfer serum into new non-additive tube and mark as SERUM	**0.5 mL serum spun and separated in red top or spun serum separator tube**	**1-2 days**
L580	**TRH Stimulation with Insulin Glucose** See L535 and T470E for additional drawing instructions.	**1.0 mL spun and separated serum in red top or spun serum separator tube, 1.0 mL Pre EDTA plasma and 1.0 mL Post EDTA plasma**	**1-2 days**
L545	**Oral Sugar Test (2 samples)** Insulin (Equine)/Glucose (60 and 90 minute Post) Oral sugar test assesses the insulin response to ingested sugars for a diagnosis of Insulin Dysregulation (ID). See T470E for additional drawing instructions.	**1.0 mL serum in red top or serum separator tube (labeled 60 min Post) AND 1.0 mL serum in red top or serum separator tube (labeled 90 min Post)**	**1-2 days**
L550	**Oral Sugar Test (3 samples)** Insulin (Equine)/Glucose (Pre, 60 and 90 minute Post) Oral sugar test assesses the insulin response to ingested sugars for a diagnosis of Insulin Dysregulation (ID). See T470E for additional drawing instructions.	**1.0 mL serum in red top or serum separator tube (labeled Baseline), 1.0 mL serum in red top or serum separator tube (labeled Serum 60 min Post), AND 1.0 mL serum in red top or serum separator tube (labeled Serum 90 min Post)**	**1-2 days**

CODE	TEST NAME | DESCRIPTION | COMPONENTS	SPECIMEN	TAT*
	NEUROLOGY		
S14388	**EPM SAG 2, 4/3 ELISA** The ELISA format contains surface antigen proteins (SAG 2,4/3) of the *S. neurona* parasite. A negative serum result is a good rule out for EPM caused by *S. neurona*. Note: if submitting BOTH serum and CSF, should be submitted separately as two different requests in two different bags.	**1.0 mL serum in red top or serum separator OR 1.0 mL CSF in red top tube**	**3-5 days**
S14390	**EPM SAG 2, 4/3 ELISA Serum/CSF Ratio** The specific antibody index is performed on paired serum and CSF samples in conjunction with the *S. neurona* SAG 2,4/3 ELISA. This test can help discern an intrathecal IgG response from contamination by utilizing a ratio of serum and CSF albumin and IgG levels. Note: both serum and CSF MUST be submitted together in the same bag.	**1.0 mL serum in red top or serum separator AND 1.0 mL CSF in red top tube**	**3-5 days**
S14392	**EPM SAG 2, 4/3 ELISA, N hughesi ELISA** The *Neospora hughesi* ELISA utilizes a specific protein, SAG 1, found on the *N. hughesi* parasite. Serum and/or CSF samples can be tested for an IgG response to the recombinant NhSAG 1 protein. The ELISA generates an endpoint titer. Note: if submitting BOTH serum and CSF, should be submitted separately as two different requests in two different bags.	**1.0 mL serum OR 1.0 mL CSF in red top tube**	**4-8 days**
S16275	**Encephalitis** EEE, WEE, VEE (PRNT) and EEE (IgM Capture ELISA)	**1.0 mL serum in red top or serum separator tube**	**10-14 days**
S17500	**Equine Viral Encephalitis Panel** Encephalitis, West Nile Virus Ab (PRNT/IgM), EHV-I Ab	**3.0 mL serum in red top or serum separator tube**	**10-14 days**
S14477	**Equine Comprehensive Neurological Panel** Equine Viral Encephalitis Panel, EPM SAG 2,4/3 ELISA, West Nile titer (PRNT/IgM), EHV-I PCR	**3.0 mL serum in red top or serum separator tube. For EHV-1 PCR component: 5.0 - 7.0 mL EDTA whole blood in lavender top tube, 5.0 mL nasal wash in red top tube, and/ or nasal swab in non-additive tube with no media.**	**5-14 days**
S85448	**West Nile Titer (PRNT & IgM ELISA)**	**1.0 mL serum in red top or serum separator tube (mammals) OR 0.1 mL heparinized plasma (avians)**	**7-14 days**

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CODE	TEST NAME | DESCRIPTION | COMPONENTS	SPECIMEN	TAT*
	PCR		
L950	**Equine Gastrointestinal PCR Panel** *Clostridium difficile* A & B, *Clostridium perfringens*, *C. perfringens* toxin A, *C. perfringens* toxin B, *C. perfringens* toxin E, C. *perfringens* toxin NetF, Equine Coronavirus, N. *risticii* (Potomac Horse Fever), Equine Rotavirus, and *Salmonella* spp. Note: A single negative *Salmonella* spp. PCR result does NOT rule out intermittent or lower levels of fecal shedding of *Salmonella* spp. Three (3) serial submissions are recommended (use code S14416 for sample 2 and/or sample 3). Interferences: wooden swabs can interfere with testing and plastic swabs are preferred.	**5 grams of feces in Antech provided fecal container**	**4-5 days**
L955	**Equine PCR Reproductive Panel** EVA, EHV-1, *Strep equi* subsp. *zooepidemicus*, *Leptospira* spp., *Klebsiella pneumoniae*, *E. coli* Interferences: wooden swabs can interfere with testing and plastic swabs are preferred.	**Uterine lavage fluid, semen, endometrial or cervical swab in red top tube (without media), OR placenta**	**4-5 days**
L960	**Equine PCR Respiratory Panel** *Streptococcus equi*, *Streptococcus zooepidemicus*, *Rhodococcus equi*, Equine Herpes Virus 1 (EHV1), Equine Herpes Virus 4 (EHV4), Equine Influenza Virus (EIV), Equine Rhinitis Virus A and B (ERAV & ERBV) Interferences: wooden swabs can interfere with testing and plastic swabs are preferred.	**Trans tracheal wash, bronchoalveolar lavage, guttural pouch wash, nasal swab (in non-additive tube without media) or respiratory tract tissue**	**4-5 days**
L965	**Equine PCR FUO Panel** Swab: *Streptococcus equi*, Equine Herpes Virus 1, Equine Herpes Virus 4, Equine Influenza Virus, Equine Rhinitis Virus A & B EDTA whole blood: Equine Herpes Virus 1, *Anaplasma phagocytophilum*, *Neorickettsia risticii* (PHF) Fecal: *Neorickettsia risticii* (PHF), Equine Coronavirus (ECoV) Interferences: wooden swabs can interfere with testing and plastic swabs are preferred.	**1.0 mL EDTA whole blood, nasal swab in non-additive tube (without media), and 5 grams of feces in Antech provided fecal container**	**4-5 days**
L970	**Equine PCR FUO Mini** EDTA whole blood: *Anaplasma phagocytophilum*, *Neorickettsia risticii* (PHF) Fecal: *Neorickettsia risticii* (PHF), Equine Coronovirus (ECoV)	**1.0 mL EDTA whole blood and 5 grams of feces in Antech provided fecal container**	**4-5 days**
S14421	***Anaplasma phagocytophilum* PCR**	**1.0 mL EDTA whole blood**	**3-5 days**
S14414	**Equine Coronavirus (ECoV)**	**5.0 grams of feces in Antech provided fecal container**	**4-5 days**

CODE	TEST NAME | DESCRIPTION | COMPONENTS	SPECIMEN	TAT*
S14394	**Equine Herpes Virus 1 (EHV1) PCR** Viremia can be detected in the blood as soon as four days post-infection. Viral shedding in nasal secretions can be detected as soon as six days post-infection and for a longer time than in blood. Sample Handling: submission of BOTH nasal swab AND EDTA whole blood is recommended.	**5.0 mL EDTA whole blood, 5.0 mL nasal wash in red top tube, or nasal swab in non-additive tube without media**	**3-5 days**
L974	**Equine *Leptospira* PCR Blood**	**0.5 mL EDTA whole blood**	**3-5 days**
L976	**Equine *Leptospira* PCR Urine**	**2.0 mL urine in urine transport tube**	**3-5 days**
L978	**Equine *Leptospira* PCR Blood/Urine**	**0.5 mL EDTA whole blood and 2.0 mL of urine in urine transport tube**	**3-5 days**
L973	**Equine Lepto PCR Aq/Vitreous Humor**	**1.5 mL aqueous or vitreous humor fluid in lavender top tube**	**2-4 days**
S14479	***Neorickettsi risticii* PCR (PHF)** PCR testing will be done on both EDTA whole blood and fecal samples for no additional charge when both samples are submitted.	**1.0 mL EDTA whole blood and/or 5 grams of feces in Antech provided fecal container**	**4-5 days**
S14396	***Rhodococcus equi* PCR** Identifies strains of R. *equi* carrying virulence plasmid gene vapA. Transtracheal wash sample is the recommended specimen. Note: a fecal sample can be tested but negative results will be unreliable. Interferences: wooden swabs can interfere with testing and plastic swabs are preferred.	**Transtracheal wash, bronchoalveolar lavage, and/or nasal swab in non-additive tube without media.**	**4-5 days**
T983	**Equine Ringworm PCR Panel** *Microsporum* spp., *M. equinum / canis, M. gypseum* (*Arthroderma gypseum, A. fulvum, A. incurvatum*), *Trichophyton* spp., *T. equinum / mentagrophytes* (*Arthroderma benhamiae, A. vanbreuseghemii*)	**Minimum of 10 plucked hair with roots, skin scraping, or tooth brush sample in sterile, dry container free of liquids or preservatives**	**1-5 days**
T987	**Equine Ringworm PCR with Dermatophyte Culture** *Microsporum* spp., *M. equinum / canis, M. gypseum* (*Arthroderma gypseum, A. fulvum, A. incurvatum*), *Trichophyton* spp., *T. equinum / mentagrophytes* (*Arthroderma benhamiae, A. vanbreuseghemii*), and Dermatophyte Culture	**Minimum of 15 plucked hair with roots, skin scraping, or tooth brush sample in sterile, dry container free of liquids or preservatives**	**1-21 days**

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CODE	TEST NAME | DESCRIPTION | COMPONENTS	SPECIMEN	TAT*
S14416	***Salmonella* Spp. PCR** Detects DNA from pathogenic species of *Salmonella*. *Salmonella* PCR testing can also be used as a bio-surveillance tool to identify asymptomatic/shedding horses and monitor in-patients in a hospital setting. Note: a single negative *Salmonella* spp. PCR result does not rule out intermittent or lower levels of fecal shedding of *Salmonella* spp. Three (3) serial submissions are recommended.	**5 grams of feces in Antech provided fecal container**	**4-5 days**
S86308	***Streptococcus equi equi* PCR** Detects S. *equi* bacterial DNA and is used primarily to identify asymptomatic carriers. Nasal washes, nasal swabs, or guttural pouch washes are appropriate samples for the S. *equi* PCR. Back-up culture is also available. Interferences: wooden swabs can interfere with testing and plastic swabs are preferred.	**5.0 mL nasal wash, OR 5.0 mL guttural pouch wash, OR 1 pharyngeal swab in non-additive tube without media**	**4-5 days**
	MARE REPRODUCTION		
S16295	**Estradiol** Recommended for testing if greater than 120 days post-breeding in conjunction with progesterone (L140) using code L470.	**1.0 mL serum in red top or serum separator tube**	**7-10 days**
S16300	**Estrone Sulfate** Recommended for testing if greater than 100 days post breeding.	**1.0 mL serum in red top or serum separator tube**	**7-10 days**
S16635	**Pregnant Mare Serum Gonadotropin (PMSG)** Recommended for testing at day 45 to 120 days post-breeding in conjunction with progesterone (L140) using test code L460.	**2.0 mL serum in red top or serum separator tube**	**7-9 days**
L140	**Progesterone** Interferences: serum separator gel may interfere with test.	**0.5 mL serum in red top tube. Submission of serum separator tube is not recommended.**	**1-2 days**
L460	**Progesterone/PMSG**	**2.5 mL serum in red top tube. Submission of serum separator tube is not recommended.**	**1-9 days**
L470	**Progesterone/Estradiol Panel (Equine)**	**1.5 mL serum in red top tube. Submission of serum separator tube is not recommended.**	**1-10 days**
L480	**Progesterone/PMSG/Estradiol**	**3.0 mL serum in red top tube. Submission of serum separator tube is not recommended.**	**1-10 days**

CODE	TEST NAME | DESCRIPTION | COMPONENTS	SPECIMEN	TAT*
	GRANULOSA CELL TUMOR TESTING		
S85857	**Equine Granulosa Cell Tumor** Progesterone, Testosterone, Inhibin	**3.0 mL serum in red top tube. Submission of serum separator tube is not recommended.**	**2-21 days**
S4131	**Inhibin** Inhibin is a heat-sensitive protein. Interferences: marked hemolysis or lipemia.	**1.0 mL serum in red top tube or serum separator tube**	**2-3 weeks**
S14320	**Anti-Mullerian Hormone (Equine)**	**1.0 mL serum in red top or serum separator tube**	**5-11 days**
	STALLION/GELDING REPRODUCTION		
S16760	**Testosterone** Single testosterone level	**0.5 mL serum in red top or serum separator tube**	**3-5 days**
SEMEN	**Semen Analysis** Sperm Count (including Total Volume and pH), with Cytologic Evaluation	**2.0 mL semen (fresh or extended) in lavender top tube**	**1-2 days**
	CRYPTORCHID TESTING		
S16300	**Estrone Sulfate** >3 yrs of age	**1.0 mL serum in red top or serum separator tube**	**7-10 days**
S14320	**Anti-Mullerian Hormone (Equine)** <3 yrs of age	**1.0 mL serum in red top or serum separator tube**	**5-11 days**
S85530	**Testosterone Panel** Pre, 20 min post, 1 hr post, 2 hr post HCG Note: spin serum and separate in non-additive tube marked SERUM. Equine HCG Stimulation Testing Protocol: 1. Take baseline serum sample for testosterone. 2. Administer 6000 IU (total dose) of HCG IV. 3. Take post-HCG testosterone at 20 minutes, 1 hour and 2 hour post administration. 4. If testicular tissue is present, the post values should be greater than 0.4 nmol/L and/or double the baseline level.	**0.5 mL serum for resting and each post sample (baseline sample labeled Pre and each post sample labeled accordingly)**	**3-5 days**

CODE	TEST NAME | DESCRIPTION | COMPONENTS	SPECIMEN	TAT*
	MICROBIOLOGY		
M020	**Culture, Aerobic** This test is used when an aerobic bacterial infection is suspected in a tissue or fluid. In the case of a positive culture of relevant bacteria, sensitivities are performed and reported. Interferences: 1. Patient should be off antibiotics for at least 7-10 days. 2. Fluid in lavender top tube is unacceptable (EDTA inhibits growth). Note: tissue should be submitted in an RTT with a few drops of saline (to keep moist). Samples should be refrigerated prior to transportation to the laboratory. A separate sample should be submitted for each type of culture needed.	**Culturette from fluid (body cavity fluids), TTW, BAL, wound, lesion, or skin. Tissue sample in saline.** Culturette, red top or white top tube with fluid, or other sterile container. Samples collected in EDTA tube are not acceptable.	**3-4 days** Preliminary report available every 24 hours. Final culture result available in 72 hours. If a fastidious organism is observed, the listed turnaround time may be extended.
M030	**Culture, Anaerobic** To be used when an anaerobic bacterial infection is suspected in tissue/fluid. Interferences: sample with exposure to air or if dried will preclude accurate testing. Note: fluids should be submitted in an RTT. Tissue should be submitted in an air-tight, sterile container (e.g., urine cup). No saline is necessary. Sensitivities are not performed, but drugs of choice for anaerobes are provided as a guide.	**Anaerobic culturette of fluid (body cavity fluids), TTW or BAL, wound, lesion. Tissue sample (at least 2 cm x 2 cm) in sterile, air tight container.** Culturette, red top or white top tube with fluid, or other sterile container. Samples collected in EDTA tube are not acceptable.	**3-5 days** Preliminary report issued 3rd day. Final culture result issued 4th day.
M040	**Culture Aerobic and Anaerobic** This test is used when a bacterial infection is suspected in a tissue or fluid, but it is uncertain whether an aerobic or an anaerobic organism is the cause. Note: fluids should be submitted in a red top tube. Tissue should be submitted in an air-tight container for anaerobic culture. Samples should be refrigerated prior to submission. Sensitivities are not performed, but drugs of choice for anaerobes are provided as a guide.	**Culturette (aerobic and anaerobic) from fluid (body cavity fluids), TTW, BAL, wound, lesion, or skin. Tissue sample in saline.**	**3-5 days**

CODE	TEST NAME | DESCRIPTION | COMPONENTS	SPECIMEN	TAT*
M060	**Culture, Blood Aerobic Only** This test is utilized when bacteremia with an aerobic organism is suspected. Submit a single sample in a BACTEC bottle. Interferences: antibiotics. Note: submit in BACTEC aerobic culture bottle. Clip fur and scrub venipuncture site for aseptic collection. Aim to collect 1.0 mL for cats and small dogs, 2-3 mL for larger dogs to be inoculated into 20 mL bottle. Don't unscrew caps on bottles. Remove the protective top and wipe visible parts of the rubber stopper with 70% ethanol. Allow stopper to dry or wipe with sterile gauze. Replace the drawing needle with a sterile needle before puncturing the rubber stopper, fill until vacuum stops, then gently invert the bottle to mix. Anticoagulants in the media will prevent blood from clotting.	**Whole blood collected in BD Bactec Blood Culture Bottle (BCB)**	**3-5 days**
M220	**Culture, Enhanced Fluid Aerobic** Note: if submitting multiple joints, must be submitted separately in different bags and forms.	**Fluid in BD Bactec Blood Culture Bottle (BCB)**	**3-4 days**
M080	**Culture, Fungal** This test is for fungal culture and identification. Not for suspected ringworm infections.	**Dry hair, nails, skin scraping, body fluid, or lesion material collected in a sterile red top or other sterile container without additive, or on a culturette.** DTM bottle, culturette, container	**21 days** Preliminary report every 7 days. Final report available at 21 days (3 weeks), or upon identification.
M130 **Add-on Equivalent ADD210**	**Culture, Urine** All urine cultures deemed positive by *FIRST*ract, a highly accurate and rapid urine culture technique, will then undergo traditional culture for identification and susceptibility. Interferences: patient should be off antibiotics for seven to ten days prior to urine culture.	**0.5 mL cystocentesis, clean catch or catheterized urine in sterile red top tube or urine transport tube.**	**1-3 days** Preliminary reports available every 24 hours. If a fastidious organism is observed, the listed turnaround time may be extended.

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CODE	TEST NAME | DESCRIPTION | COMPONENTS	SPECIMEN	TAT*
	CYTOLOGY		
CYTO	**Cytology** Includes preparation of submitted sample and microscopic interpretation by clinical pathologist This test includes a microscopic evaluation of cells. The report includes cytologic interpretation, diagnosis, and comments regarding etiology and biological behavior where applicable. Note: single source.	**Fluid in red top or lavender top tube, or air-dried, unstained slides with clinical history**	**1-3 days**
FLUA	**Fluid Analysis** Includes preparation of submitted sample, Cell Count (WBC & RBC), Specific Gravity, Protein measurement, and microscopic interpretation by clinical pathologist This is the appropriate test for the evaluation of fluids from a cavity or tissue space. The fluid will be characterized based on protein, specific gravity, white and red cells, and a pathologist will evaluate the fluid and provide a microscopic description and, when possible, diagnosis. Note: a comprehensive history should be included with the fluid analysis submission.	**1.0 mL body fluid in lavender top or red top with 2 unstained smears prepared from fluid**	**1-3 days**
CSF	**Fluid Analysis CSF** Includes preparation of submitted sample, CSF Cell Count (WBC & RBC), Specific Gravity, Protein & Glucose measurement, and microscopic interpretation by clinical pathologist	**1.0 mL cerebrospinal fluid in lavender or red top tube**	**1-3 days**
SYFLUA	**Synovial Fluid Analysis** Synovial Fluid Analysis (Color, Clarity, Specific Gravity, WBC, RBC), Total Protein, and Cytologic Evaluation Note: single source.	**1.0 mL synovial fluid in lavender top tube**	**1-3 days**

CODE	TEST NAME | DESCRIPTION | COMPONENTS	SPECIMEN	TAT*
BAL	**Airway Wash** Includes preparation of submitted sample and microscopic interpretation by clinical pathologist	**1.0 mL airway wash fluid in red top or lavender top tube, or 2 unstained air-dried smears prepared from fluid**	**2-4 days**
TTW	**Airway Wash** Includes preparation of submitted sample and microscopic interpretation by clinical pathologist	**1.0 mL airway wash fluid in red top or lavender top tube, or 2 unstained air-dried smears prepared from fluid**	**2-4 days**
FBX	**Histopathology** Preparation of submitted sample and microscopic interpretation by anatomic pathologist A boarded pathologist will evaluate the tissue. A full written biopsy report will be provided, including source, history, submitted tissue type, microscopic findings, pathologist's comments, and microscopic description. Where applicable, it will also include margin evaluation, grading, interpretation of special stains, and recommendations for further testing if needed. Note: firmly and evenly tighten the lid of the formalin jar and check for any leaks prior to placing the sample in a ziplock bag with the test requisition form. A comprehensive history should be included with each biopsy submission.	**Tissue in 10% neutral buffered formalin in Antech approved container with screw-on lid** To prevent severe biopsy damage when temperatures are below freezing, we recommend adding 1:10 ratio of isopropyl alcohol (70% or greater) to 10% neutral buffered formalin	**3-5 business days**

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CODE	TEST NAME | DESCRIPTION | COMPONENTS	SPECIMEN	TAT*
	INDIVIDUAL TESTS		
S14466	**Equine 11 Metal & Mineral Panel** Serum: Cobalt, Copper, Iron, Magnesium, Molybdenum, Selenium, Zinc EDTA Whole Blood: Arsenic, Cadmium, Lead, Thallium Serum selenium provides current-day levels, while whole blood selenium indicates selenium status over a longer period of time.	**One or more of the following:** 1. 1.0 mL serum in non-additive tube AND EDTA whole blood in lavender top tube 2. 5 grams fresh liver sample in seal ed, leak-proof container 3. 50 mg fresh liver biopsy (3 Tru-Cut samples, no fluid added) in sealed, leak-proof container 4. 500 grams of feed (representative sample) in sealed container	**5-10 days**
S16285	**Equine Viral Arteritis**	**1.0 mL serum in red top or serum separator tube**	**7-10 days**
S16510	**Leptospirosis** *L. pomona, L. icterohemorrhagiae, L. canicola, L. grippotyphossa, L. hardjo, L. autumnalis, L. bratislava* The results of this test include a semi-quantitative titer for serovars. Interferences: recent vaccination (within one month) may interfere with testing. Note: test is not species specific.	**1.0 mL serum in red top tube or serum separator tube**	**3-5 days**
T672	**Lyme Equine Multiplex**	**0.5 mL serum in red top or serum separator tube**	**5-10 days**
S16848	**Piroplasmosis, Equine** Theileria (*Babesia*) *equi*, *Babesia* caballi.	**2.0 mL serum in red top or serum separator tube**	**10-12 days**

CODE	TEST NAME | DESCRIPTION | COMPONENTS	SPECIMEN	TAT*
S16740	***Streptococcus* Equi ELISA** The SeM ELISA test assesses the IgG titer against the S. *equi* specific M protein. It is helpful for making vaccination decisions on horses with existing titers, identifying horses at risk of complications due to elevated titers or for horses with aberrant abscesses (bastard strangles). The SeM ELISA should not be used to determine the infection status of horses with clinical signs of strangles.	**5.0 mL serum in red top or serum separator tube**	**7-10 days**
S16850	**Vitamin E** Note: cover sample to prevent exposure to light.	**1.5 mL serum in red top or serum separator tube (spun)**	**7-10 days**
S17505	**Vitamin E, Selenium**	**1.5 mL serum in red top or serum separator tube (spun)**	**7-10 days**

LARGE ANIMAL

CODE	TEST NAME | DESCRIPTION | COMPONENTS	SPECIMEN	TAT*
	CBC AND CHEMISTRY		
T332	**CBC And Fibrinogen** Interferences: marked hemolysis or lipemia.	**1.0 mL EDTA whole blood and 0.5 mL citrated plasma (preferred for Fibrinogen)**	**24 hours** Performed each shift
L1001	**Ruminant Chemistry with Magnesium** Total Protein, Albumin, Globulin, A/G Ratio, AST (SGOT), Alk Phos, GGT, T. Bilirubin, D. Bilirubin, BUN, Creatinine, BUN/Creat Ratio, Phophorus, Glucose, Calcium, Magnesium, Sodium, Potassium, NA/K Ratio, Chloride, Cholesterol, Triglyceride, CPK, LDH Sample Handling: serum separator samples should be spun prior to submission. Red top tubes should be spun and serum transferred to a non-additive tube and marked as SERUM. If the serum is not separated from the red blood cells, chemistry values can be affected.	**0.5 mL serum in red top or serum separator tube**	**24 hours** Performed each shift
L080	**Ruminant Chem with Mag, CBC**	**0.5 mL serum, 1.0 mL EDTA whole blood, and 0.5 mL citrated plasma**	**24 hours** Performed each shift
	INDIVIDUAL TESTS		
S16035	***Anaplasma* CF, Bovine** Interferences: severe hemolysis or lipemia will preclude testing.	**2.0 mL serum in red top or serum separator tube**	**5-10 days**
S16124	***Babesia* Bovis**	**1.0 mL serum in red top or serum separator tube**	**7-10 days**
T785	**Baermann** Baermann test is to detect lungworm larvae in fecal samples. Sample Handling: specimen should be tested within 24 hours of collection.	**10 grams feces in Antech provided fecal container**	**2-4 days**

CODE	TEST NAME | DESCRIPTION | COMPONENTS	SPECIMEN	TAT*
S14456	**Bovine Herpes Virus** Note: transport refrigerated (on ice packs).	1.0 mL serum in red top or serum separator tube	5-7 days
S16844	**Bovine Viral Diarrhea (BVD) - ELISA**	1.0 mL of serum from precolostral newborn calves or calves older than three months are suitable for testing. Ear notches from animals of all ages may also be tested	7-10 days
S86551	**Bovine Viral Diarrhea (BVD) PCR**	2.0 mL EDTA whole blood in lavender top tube, fresh tissue, semen, or milk	7-10 days
S16145	**Caprine Arthritis Encephalitis (CAE)**	1.0 mL serum in red top or serum separator tube	7-10 days
S16425	**IgG Bovine** Test is species specific for bovine. Methodology is the RID Method.	1.0 mL serum in red top or serum separator tube	7-10 days
S16430	**IgG Llama** Test is species specific for llama. Methodology is the RID Method.	1.0 mL serum in red top or serum separator tube	2-3 days
S16302	**Johne's Disease Antibody** Whole herd screening.	1.0 mL serum in red top or serum separator tube	5-7 days
T805	**Ova and Parasite** Fecal ova and parasite detection. Samples are appropriately mixed with zinc sulfate solution, centrifuged, followed by flotation and slide evaluation. Note: sample should be evaluated within 24 hours of collection. If a worm has been identified in the sample, separate the worm and place it in a container labeled Worm in black, additionally mark Worm on the TRF being submitted with the sample.	5 grams feces in Antech provided fecal container	1-2 days

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TEST INDEX

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