

ZOETIS DIAGNOSTICS SOLUTIONS

Zoetis Reference Laboratories Directory of Services

LOOK DEEPER

Enhanced service offerings
to better meet your needs

vetscan
by zoetis

Point-of-Care
Analyzers & Tests

**virtual
laboratory**
by zoetis

**reference
laboratories**
by zoetis

Comprehensive
Testing & Analysis

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A Guide to This Directory

Welcome to the 2024 Directory of Services for Zoetis Reference Laboratories. In an effort to enhance your customer experience, we've made the following content updates to this guide:

What's new in our 2024 Directory



2024 Pricing

All tests in the Directory reflect the most up-to-date prices.



Expanded Test Bundle Menu

With additional medically relevant bundles, we've made it even easier to choose the tests you need.



The Full Zoetis Diagnostics Portfolio

Discover how this uniquely integrated suite of diagnostic products and services is designed to meet the needs of your practice.

How to use this Directory

Our updated Directory makes it easy for you to find the information you're looking for, including:

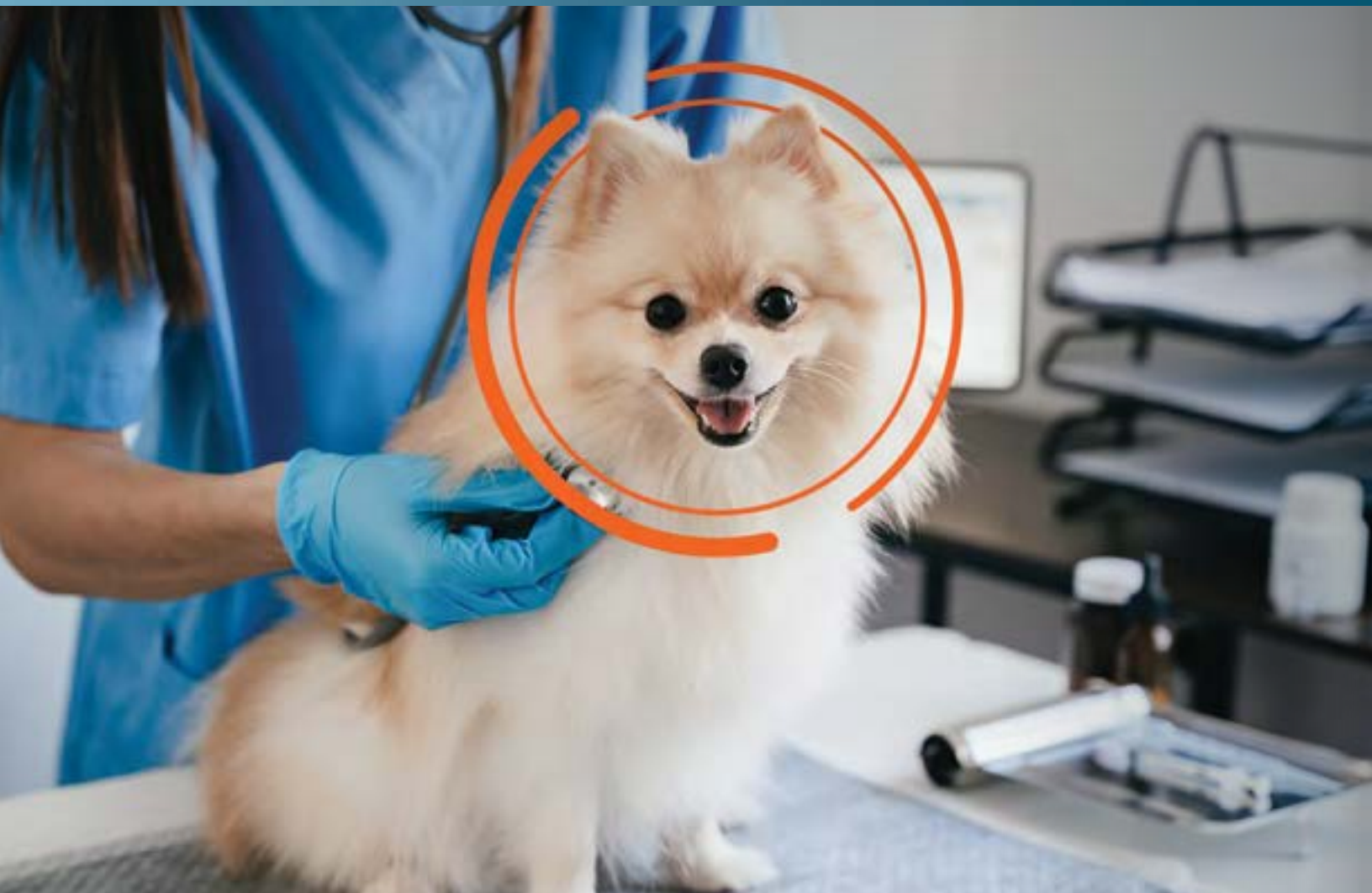
- How Zoetis Diagnostics and Zoetis Reference Laboratories are uniquely designed to meet the needs of your practice
- Practical information about [how to order supplies](#), [submit a sample](#), and access your [diagnostic results](#)
- A comprehensive list of tests and other helpful resources

Refer to the [Table of Contents](#) to see the full list of resources available in this guide.

Need extra support?

We're happy to help. Please feel free to contact us using the numbers listed in our [Dedicated Customer Service](#) section.

01. Introduction to Zoetis Diagnostics



Looking Deeper into the Needs of Your Practice

From staffing shortages to escalating costs, your practice faces more challenges than ever.

You routinely consider numerous factors when deciding the best way to approach a diagnostic work-up. Zoetis Diagnostics looks deeper into both your practice challenges and your diagnostic needs to drive efficiency and to help you make faster, more informed decisions for your patients.

Whatever your need, by combining human and artificial intelligence with access to a global network of specialists, Zoetis Diagnostics has your solution.



**Medical
Need**



**Pet Owner
Preference**



**Clinic
Workflow**



**Sample
Type**



**Turnaround
Time**

ZoetisDx

Access to your results anytime, anywhere, from any device.



Ask your Zoetis Diagnostic Sales Consultant about our cost-effective customer agreements and programs.

One Solution for All Your Needs

Your clinic needs better information, more meaningful, actionable insights, and greater support. The Zoetis Diagnostics portfolio is structured to provide a uniquely integrated suite of diagnostic products and services. Connected through our **Virtual Laboratory** offering, Zoetis Diagnostics brings specialist-level medicine directly to your clinic like never before:

- **Vetscan Diagnostic Solutions** delivers a wide-ranging portfolio of point-of-care diagnostic analyzers, rapid tests, and artificial intelligence analysis
- **Zoetis Reference Laboratories** provides a comprehensive test menu to support your practice with accurate, next-day results you can rely on, and access to specialist support for testing, analysis, and results interpretation.





Test on Your Terms

Our Reference Laboratories service is always there as foundational support for your diagnostics practice, with quality, next-day results you can rely on—it's just one part of an innovative Virtual Laboratory platform that offers you complete control over your diagnostic workflow.

This powerful portfolio of products and services gives you the toolkit to confidently diagnose and treat any case in the way that best suits your patients' needs. Wherever and however you test, you'll get the deeper insights you need to elevate patient care.



Comprehensive

Full service reference lab testing, complemented by breakthrough point-of-care capabilities for cytology, fecal and urine testing, dermatology, and more.



Connected

Anytime, anywhere access to digital ordering, test results, expert support, and more on [ZoetisDx.com](https://zoetisdx.com). And, ZoetisDx conveniently integrates with your Practice Management Software (PIMS).



Supported

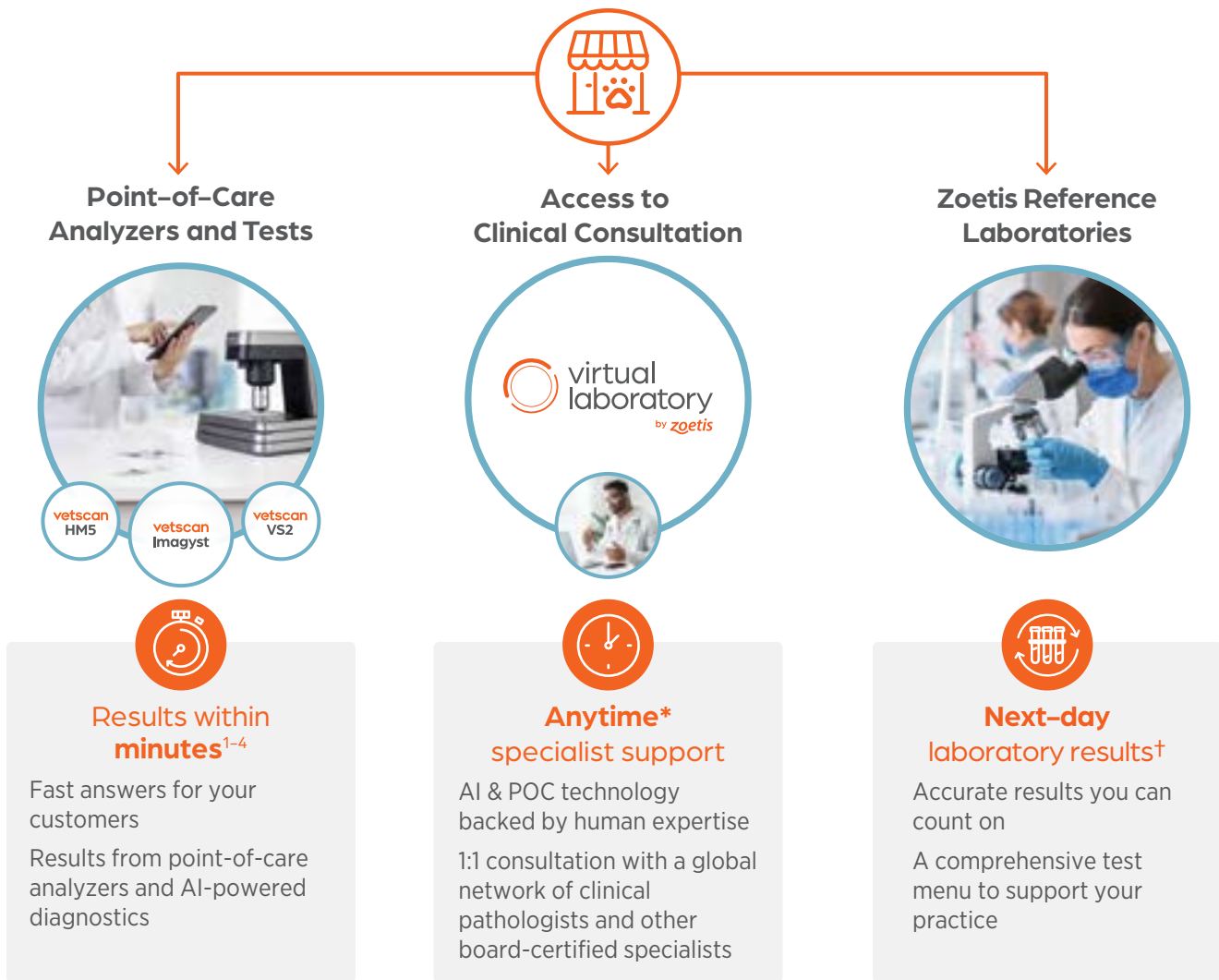
A global network of board-certified clinical pathologists and other specialists to support you.

Ready to get Zoetis-connected?

Visit [ZoetisDx.com](https://zoetisdx.com) to sign up today.



Gain Deeper Insights Through a Unique Diagnostic Workflow



* Dependent on consultant availability

† Results are delivered the next day by 8 AM for the majority of tests.

References: **1.** Data on file, Study Report No. D870R-US-22-053, Zoetis Services LLC, 2023. **2.** Data on file, Study Report No. D870R-US-21-045 (v1.0), Zoetis Services LLC, 2023. **3.** Nagamori Y, Sedlak RH, DeRosa A, et al. Evaluation of the VETSCAN IMAGYST: an in-clinic canine and feline fecal parasite detection system integrated with a deep learning algorithm. *Parasit Vectors*. 2020;13:346. doi.org/10.1186/s13071-020-04215-x **4.** Data on file, Study No. DHXMZ-US-23-218, Zoetis Services LLC, 2023.

vetscan Imagyst

Best-in-Class Artificial Intelligence (AI) Analysis

At Zoetis, we leverage the capabilities of AI to improve diagnostic workflow, provide contract flexibility, and help clinics effectively manage cases.

Our **Vetscan Imagyst**[®] is a first-of-its-kind technology that offers AI fecal analysis, AI blood smear analysis, AI dermatology, AI urine sediment, and digital cytology in a single platform. Vetscan Imagyst[®] brings diagnostic results and insights comparable to an expert clinical pathologist¹⁻⁴ *directly to your clinic* in minutes—hours or days sooner than was possible with conventional methods.



Explore our full range of **Vetscan Analyzers and Tests** available for your practice.

References: **1.** Data on file, Study Report No. D870R-US-22-053, Zoetis Services LLC, 2023. **2.** Data on file, Study Report No. D870R-US-21-045 (v1.0), Zoetis Services LLC, 2023. **3.** Nagamori Y, Sedlak RH, DeRosa A, et al. Evaluation of the VETSCAN IMAGYST: an in-clinic canine and feline fecal parasite detection system integrated with a deep learning algorithm. *Parasit Vectors*. 2020;13:346. doi.org/10.1186/s13071-020-04215-x **4.** Data on file, Study No. DHXMZ-US-23-218, Zoetis Services LLC, 2023.

Access to Your Results Anytime, Anywhere, from Any Device

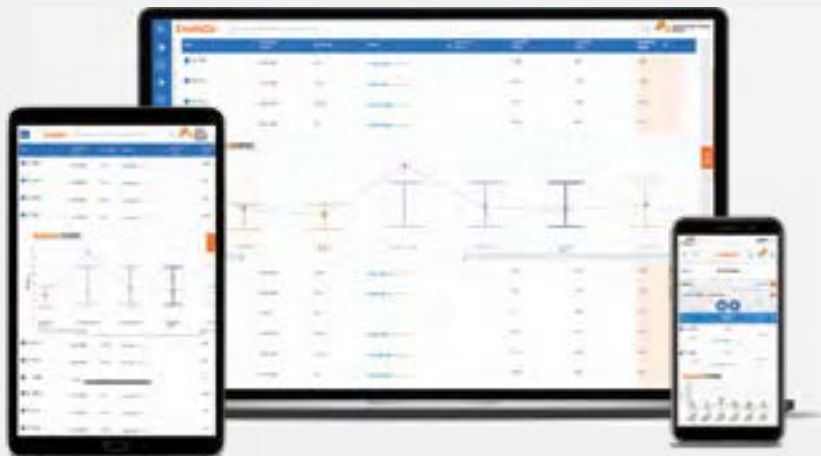
A Zoetis-connected practice means you can access the power of a comprehensive and fully integrated suite of Zoetis products and services from your practice management software to your phone, and everywhere in between.

ZoetisDx is the connectivity solution from Zoetis that makes it easy to:

- Order and view test results digitally, eliminating the need for paper transactions
- Access the most up-to-date test menu
- Drive informative discussions to improve pet owner-veterinarian communication
- Connect with a global network of board-certified specialists to support your clinical decisions
- Access Zoetis Reference Laboratories and Zoetis point-of-care results on a single, easy-to-use platform

Ready to get Zoetis-connected?





Visit [ZoetisDx.com](https://zoetisdx.com) to sign up today.



**The ZoetisDx
platform keeps you
Zoetis-connected**

Flexible Turnaround Times That Meet Your Needs

Pressing medical needs, client preferences, and the ability to initiate medical treatment earlier are key reasons why turnaround times have become more important than ever in veterinary diagnostics. Our turnaround times reflect this new reality, ensuring you have the results you need, when you need them.

	Next-Day Results reference laboratories <small>by zoetis</small>	virtual laboratory <small>by zoetis</small>	Results in Minutes to Hours vetscan <small>by zoetis</small>	
Routine Testing				
	Results Delivery Turnaround Time	Access to Results, Clinical Consultation, and ZoetisDx*	In-Clinic Results in Minutes	Add-On Pathologist/Expert Review
Hematology (eg, CBC, PT/aPTT)	Next day by 8 AM	 Anytime, Anywhere	Automated CBC - Vetscan® HM5	N/A
Chemistry (eg, ClinChem 25, Total T4, SDMA)			Comprehensive CBC - Vetscan Imagyst® AI Blood Smear	~2 hours
			Routine Chemistry and Disease-specific panels - Vetscan VS2®	N/A
			Vetscan® Rapid Vetscan® Vue	N/A
Infectious Disease Serology (eg, Heartworm, Lyme)			Next day by 5 PM	
Urinalysis	Vetscan Imagyst® AI Fecal			
Fecal Parasite Tests (eg, Ova & Parasites, Giardia Antigen Test)				
Pathology				
	Results Delivery Turnaround Time	Access to Results, Clinical Consultation, and ZoetisDx*	In-Clinic Results in Minutes to ~2 hours	Add-On Pathologist/Expert Review
Cytology	1-2 days	 Anytime, Anywhere	Vetscan Imagyst® Digital Cytology ~2 hours ¹	N/A
Histopathology	Standard (3-7 days) Complex (3-9 days) Varies by nature of sample		Vetscan Imagyst® AI Derm	~2 hours

Turnaround times for routine testing do not include Sunday. Turnaround times for pathology testing do not include Saturday and Sunday. Tests not performed by Zoetis are dependent on the third-party laboratory and subject to change. Large animal and other species may be longer turnaround time, see individual tests.

* Vetscan® Fuse connectivity required

Reference: 1. Data on file, Imagyst digital cytology turnaround times based on internal Zoetis data pull as of October 2023. TI-10365, Zoetis Services, LLC, 2023.

02. Comprehensive Diagnostic Solutions



Focused On Your Clinical Needs

We offer comprehensive solutions:



Hematology



Fecal/Parasitology



Urinalysis



Cytopathology

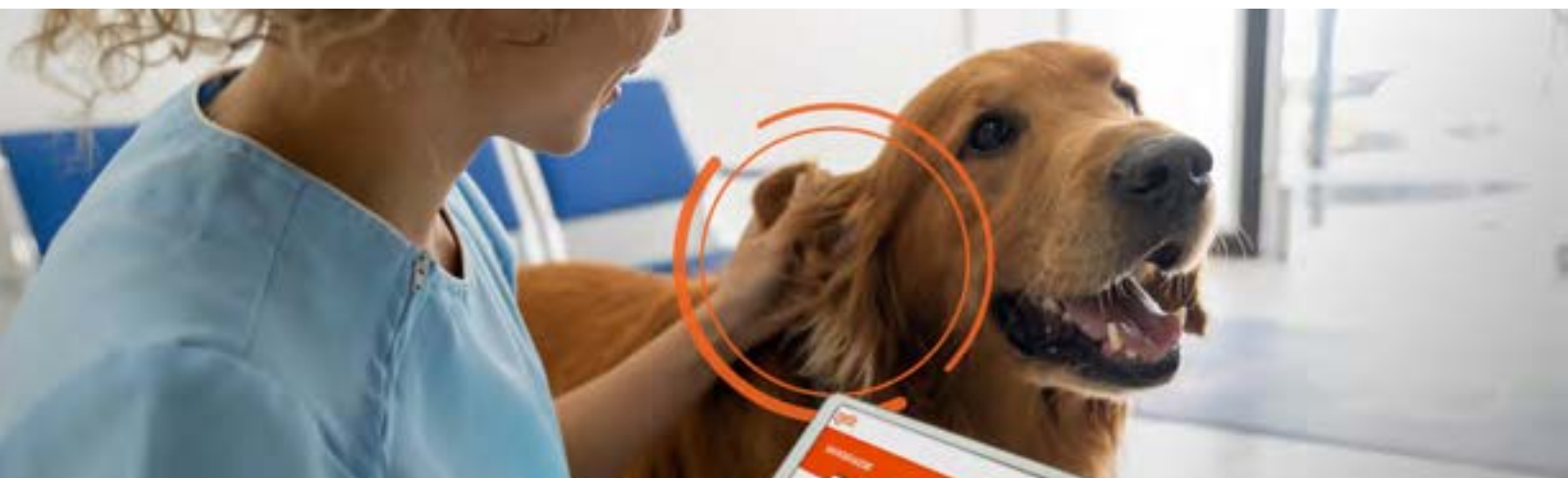
reference
laboratories
by **zoetis**

- Next-day turnaround times
- Exceptional customer service
- Gold standard in veterinary diagnostics

vetscan Imagyst

- Results in minutes¹⁻⁴
- Powered by deep-learning AI Technology
- Clinical pathologist/expert review

References: **1.** Data on file, Study Report No. D870R-US-22-053, Zoetis Services LLC, 2023. **2.** Data on file, Study Report No. D870R-US-21-045 (v1.0), Zoetis Services LLC, 2023. **3.** Nagamori Y, Sedlak RH, DeRosa A, et al. Evaluation of the VETSCAN IMAGYST: an in-clinic canine and feline fecal parasite detection system integrated with a deep learning algorithm. *Parasit Vectors*. 2020;13:346. doi.org/10.1186/s13071-020-04215-x **4.** Data on file, Study No. DHXMZ-US-23-218, Zoetis Services LLC, 2023.



Basic & Comprehensive CBC

Choose the CBC option that's best for your patients.

At Zoetis Reference Laboratories, our CBCs are grounded in quality standard operating procedures developed by a team of board-certified clinical pathologists. Expert technicians review all results manually and run additional tests if needed.

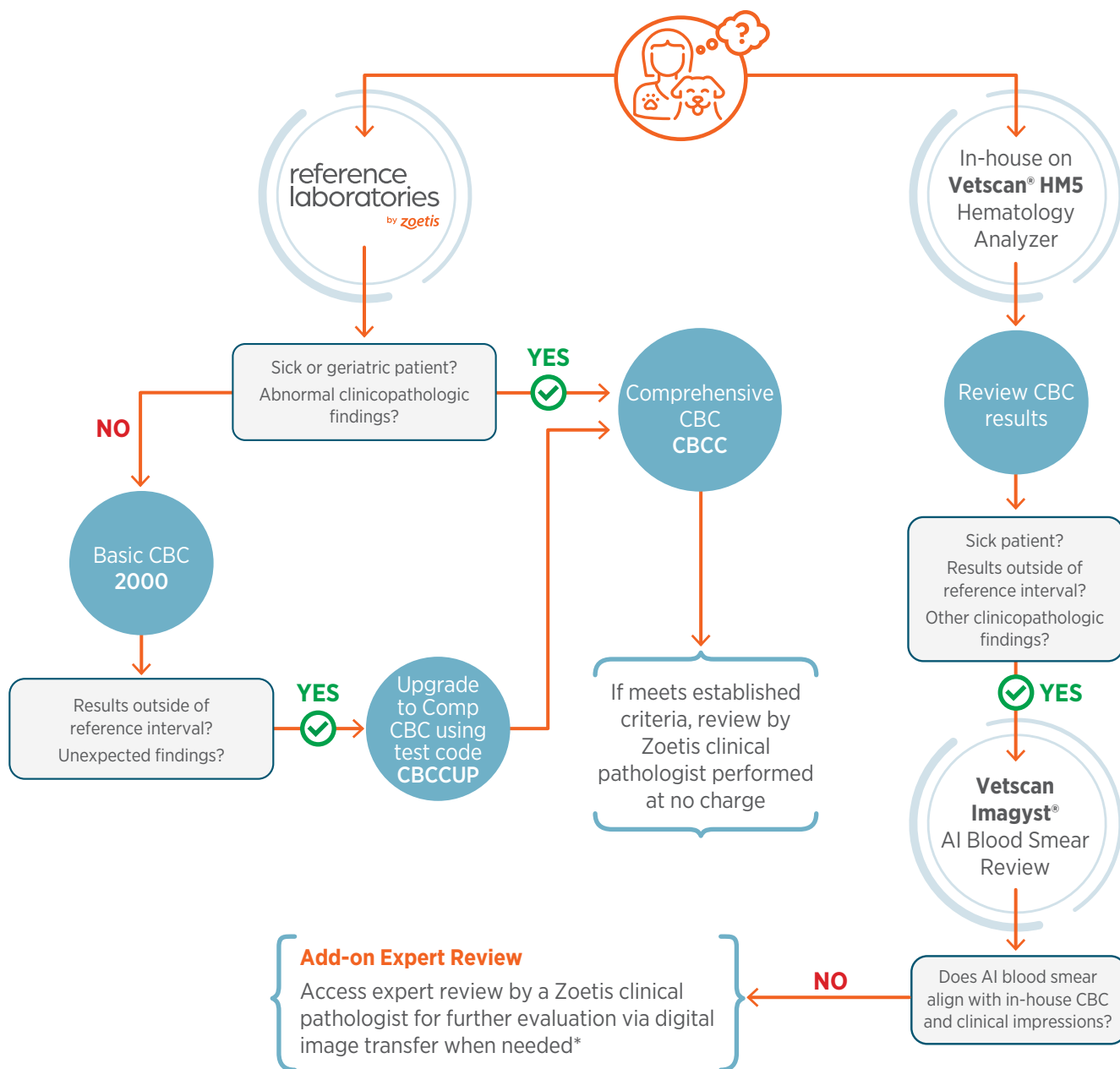
	Basic Test code: 2000	Comprehensive Test code: CBCC
	Recommended for wellness screens in non-geriatric, healthy patients	Recommended for sick or geriatric patients
WBC, HGB, RBC, HCT, MCV, MCHC, CHCM, RDW, 5-Part WBC Differential, Platelet Count, MPV	✓	✓
Perform if indicated based on automated results: Spun PCV, Manual WBC Differential, Visual Platelet Estimate, and/or Reticulocyte Count	✓	✓
Complete manual smear review by technician		✓
Perform if indicated based on automated results: complete pathologist review		✓

CBC solutions tailored to your medical needs

- Basic CBC, Canine/Feline (healthy, non-geriatric) | **2000**
- Comprehensive CBC, Canine/Feline | **CBCC**
- Comprehensive CBC Upgrade (add to Bundle) | **CBCCUP**

Test requirements: 2 mL EDTA whole blood, air-dried slides

How to Select the Right CBC for Your Patient



* Evaluate cell information not reported by AI Review, including:
 WBC—left shifts, toxic changes, malignancy
 RBC—morphology, inclusions
 PLT—macroplatelets
 For Vetscan Imagyst® AI Add-on Blood Smear Review, extra charges are incurred.

Comprehensive Tests: Hematology

Anytime* Specialist Support



reference laboratories by zoetis

Hematology solutions tailored to your medical need

- Basic CBC, Canine/Feline (healthy, non-geriatric) | **2000**
- Comprehensive CBC, Canine/Feline | **CBCC**
- Comprehensive CBC Upgrade (add to Bundle) | **CBCCUP**
- PT & aPTT | **4101**
- ZRL Coagulation Panel | **COAG**
- Direct Coombs | **2701**
- Flow Cytometry | **FLOW**

vetscan Imagyst[®] AI Blood Smear

Expert-level blood smear analysis at the point of care¹

Powered by deep-learning AI, Vetscan Imagyst[®] AI Blood Smear supplements CBC results and offers a complete hematologic picture.

Learn more at vetscanimagyst.com

Reference: 1. Data on file, Study Report No. D870R-US-21-045 (v1.0), Zoetis Services LLC, 2023.



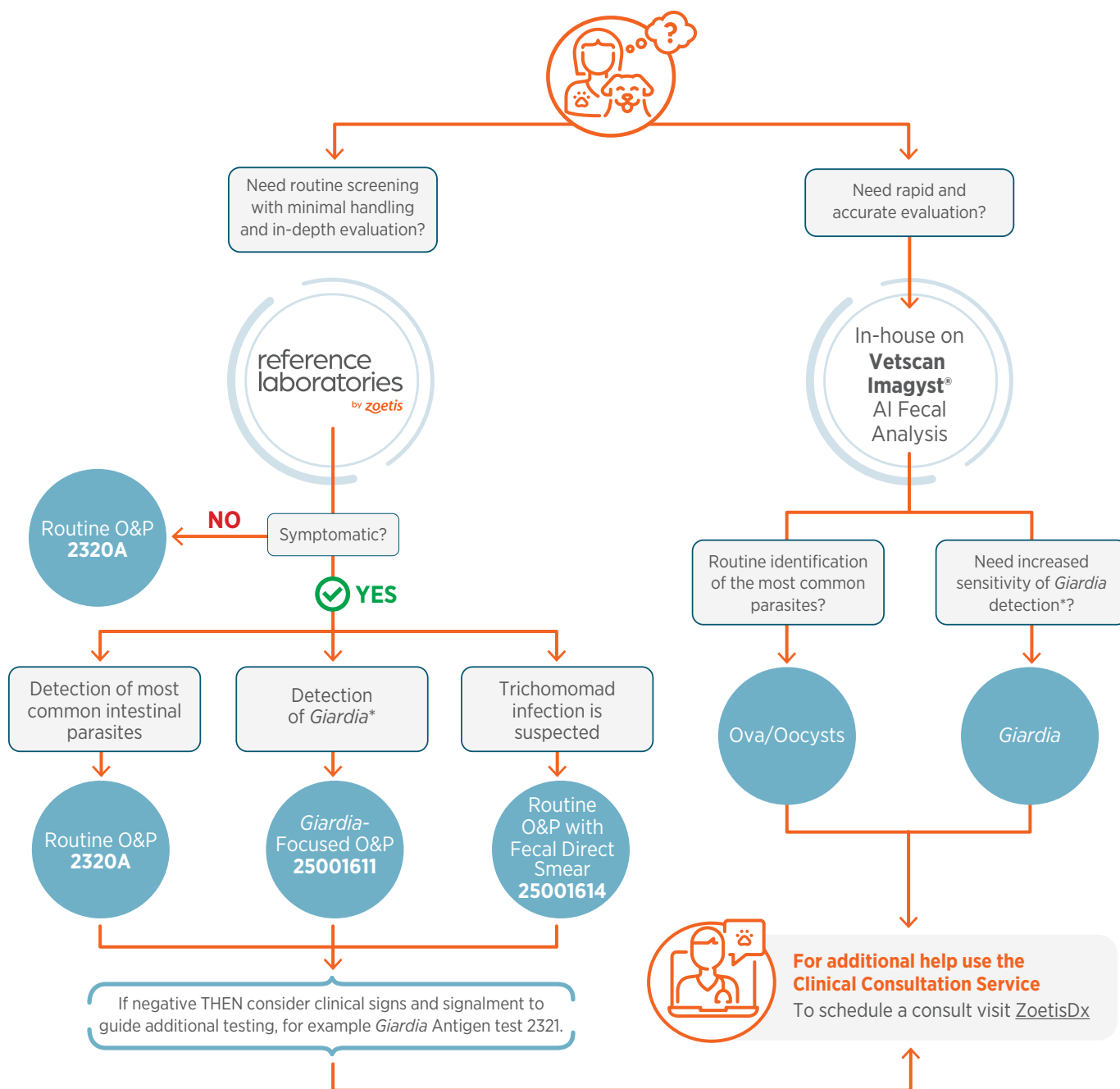
To see the full list of Additional Hematology Tests for Canine & Feline, [click here](#).

For a list of Hematology Tests for Large Animals, [click here](#).

For a list of Hematology Tests for Avian, Exotic, & Small Mammal, [click here](#).

* Dependent on consultant availability

How to Select the Right Fecal/ Parasitology Test for Your Patient



* If *Giardia* is confirmed and treated, follow-up test 24-48 hours after completion of treatment. *Giardia*-focused O&P Test recommended for both asymptomatic and symptomatic patients. If no ova or parasites seen in symptomatic patients, recommend *Giardia* Ag test.

Comprehensive Tests: Fecal/Parasitology

Anytime* Specialist Support

reference
laboratories
by **zoetis**



Fecal/Parasitology solutions tailored to your medical need

- Ova and Parasite (Centrifugal Fecal Flotation) Test | **2320A**
- *Giardia* Antigen Test | **2321**
- Ova and Parasite (Centrifugal Fecal Flotation) Test and *Giardia* Antigen Test | **2320**
- *Giardia*-Focused O&P | **25001611**
- Fecal Direct Smear Test | **25001610**
- Fecal Sedimentation Test | **25001612**
- Baermann Test | **BAER**
- O&P (Centrifugal Fecal Flotation) Panel | **25001613**
- O&P (Centrifugal Fecal Flotation) with Direct Smear | **25001614**

vetscan Imagyst
AI Fecal

Fast, accurate^{1,2} fecal analysis at the point of care

Powered by deep-learning AI, Vetscan Imagyst® offers expert-level fecal testing results within minutes,³ for fast diagnoses.

Learn more at
vetscanimagyst.com

References: 1. Nagmori Y, et al. *Parasit Vectors*. 2020. doi.org/10.1186/s13071-020-04215-x 2. Nagamori Y, et al. *Parasit Vectors*. 2021. doi:10.1186/s13071-021-04591-y 3. Data on file, Study No. DHXMZ-US-23-218, Zoetis Services LLC, 2023.



To see the full list of Fecal/Parasitology Tests for Canine & Feline, [click here](#).

For the list of Fecal/Parasitology Tests for Large Animals, [click here](#).

* Dependent on consultant availability

Comprehensive Tests: Urine Testing

Anytime* Specialist Support



reference
laboratories
by **zoetis**

Urinalysis solutions tailored to your medical need

- Urinalysis | **3000**
- Urine Protein:Creatinine Ratio | **1555**
- Urinalysis with Urine Culture & Sensitivity | **25001629**
- Urinalysis with Reflex UPC | **25000521**



vetscan Imagyst
AI Urine

Complete urine sediment analysis at the point of care

Powered by deep-learning AI, Vetscan Imagyst® AI Urine Sediment analysis offers consistent, accurate results within minutes¹, for help improving patient outcomes.

Learn more at vetscanimagyst.com

Reference: 1. Data on file, Study No. DHXMZ-US-23-218, Zoetis Services LLC, 2023.



To see the full list of Urine Tests for Canine & Feline, [click here](#).

For the list of Common Urine Tests for Large Animals, [click here](#).

* Dependent on consultant availability

Comprehensive Tests: Cytopathology

Anytime* Specialist Support



reference laboratories by zoetis

Cytopathology solutions tailored to your medical need

- Cytopathology Simple/Single Site | **7120**
For the following sample types:
 - Single lesion/tissue (FNA, swab, impression smear)
 - Single or multiple lymph nodes
 - Single joint (slides only)
 - Fluid from mass lesion (cytology only)
- Cytopathology Complex | **7201**
For the following sample types:
 - Multiple lesions/tissues (FNA, swab, impression smear)
 - Joint fluid in LTT (single or multiple)
 - Multiple joints (slides only)
 - Cavitory effusion (single or multiple)
 - CSF
 - Bone marrow
 - BAL/TTW
 - Other fluids/lavage

vetscan Imagyst® Digital Cytology

Transforming the way you get cytopathology results

Vetscan Imagyst® offers digital cytology review by board-certified clinical pathologists in about 2 hours¹

Learn more at vetscanimagyst.com

Reference: 1. Data on file, Imagyst digital cytology turnaround times based on internal Zoetis data pull as of October 2023. TI-10365, Zoetis Services, LLC, 2023.



To see the full list of Cytopathology Tests for Canine & Feline [click here](#).

For a list of Cytopathology Tests for Large Animals, [click here](#).

* Dependent on consultant availability

03. Introduction to Zoetis Reference Laboratories



reference laboratories

by *zoetis*

Flexible Diagnostic Solutions Built Around Your Practice Needs

Combine the power of Zoetis Reference Laboratories with our other innovative products and services for a fully supported diagnostic workflow on every case you face.



Part of a diverse diagnostic toolbox **that empowers you to provide better care**

- Reliable, advanced diagnostic testing
- Comprehensive test menu
- Seamlessly connect to the Zoetis Virtual Laboratory through ZoetisDx.com



Enables you to customize your workflow to **optimize care for each patient**

- Quality, next-day results with our Reference Laboratories
- Point-of-care answers with Vetscan Imagyst® and other analyzers
- Remote specialist consultations when needed



Offers **high value** to your clinic, your customers, and your patients

- Choose the right mix of services for each patient
- Schedule complimentary clinical consultations
- Transparent, flexible pricing

An Improved Reference Lab Experience

Dedicated Customer Service

Get help your way!

Login to zoetisdx.com

1-888-965-9652

8:00 AM - 9:30 PM ET (Weekdays)

9:00 AM - 8:30 PM ET (Saturdays)

referencelabsupport@zoetis.com

On-demand solutions

Visit zoetisreflabs.com/customers for these self-service options and more:

- Order supplies
- Print shipping labels
- Register for ZoetisDx

Easy Supply Ordering

We are happy to provide your routine laboratory supplies at no charge. To order supplies, please call Customer Service at **1-888-965-9652** or access eCommerce at shop.zoetis.com for all your supplies.

Request your complimentary
supplies through customer service
or online at shop.zoetis.com



Convenient Sample Submission

Our goal is to offer you the best reference lab experience. To make sure sending samples to us is as convenient as possible, we've removed transportation fees for qualified customers.*

Next-day Service with UPS®



UPS

Please follow the instructions on the following page, but feel free to give us a call at **1-888-965-9652** or reach out to your local representatives if you have any questions.

* \$50.00 monthly Processing and Handling fee applied to customers spending \$500 or less per month.

To find out if courier service is available for your practice, please contact your Zoetis Diagnostics representative or call us at 1-888-965-9652.





Simple Steps for Sending a Package Via UPS:

1 Request a UPS label

- Call Customer Service at **1-888-965-9652** or go to zoetisreflabs.com/customers to create and print a shipping label. We will provide you with UPS shipping labels that are addressed to Zoetis Reference Laboratories.
- You must use these UPS labels on all packages you send to Zoetis Reference Laboratories. This will ensure that your packages are delivered to us as quickly and as safely as possible.

2 Prepare the package

- Put your labeled and packaged samples in the UPS Laboratory Pak and seal.
- We have insulated mailers available for shipping in extreme temperatures. If you are using these, place everything, including ice packs, inside the insulated mailer, place the insulated mailer inside the UPS Laboratory Pak, and seal.
- Peel and affix the UPS label. Multiple samples can go in one UPS Laboratory Pak.
- Keep the separate, smaller “customer copy” label that contains the UPS tracking number for your records. If any issues arise during shipping, having the UPS tracking number is essential when trying to locate your package.

3 Set up your clinic as a UPS Package Pickup Point

- We recommend setting up your clinic as a UPS Package Pickup Point (UPS-PPP). This is a free service that will be completed for you during the onboarding process.
- If you anticipate sending samples more than 3 times a week, scheduling a daily UPS pickup is recommended.
- Once your package pickup point is activated and a schedule established, the driver will stop by daily within the assigned time frame, with no call or email required. (Note: The UPS driver will pick up any UPS packages at your location.)

High-Quality Next-Day Results



Next-Day Turnaround Times

Speed counts when it comes to receiving diagnostic results. Faster turnaround times mean you can make informed treatment decisions sooner. Zoetis Reference Laboratories delivers high-quality, next-day turnaround times to support your diagnostic testing. To view our turnaround times, [click here](#).



Turnaround Time Policy:

Our goal is to ensure that published turnaround times are met and results are delivered as quickly as possible. Turnaround times for routine testing do not include Sunday. Turnaround times for pathology testing do not include Saturday and Sunday. If the quality of a sample we receive prevents us from producing quality results within our promised turnaround time, we will notify you. Examples include samples that are damaged, contaminated, incorrectly preserved or packed, and samples that do not meet volume requirements. Once a specimen is delivered, we assume any risk of loss or damage. We reserve the right to reject any specimen likely to pose an unreasonable health or safety risk to our lab staff.

Send-Out Testing

Some tests in our Directory are not performed at Zoetis Reference Laboratories. Turnaround times for these tests are dependent on the partner laboratory that processes these tests.

04. Test Menu: Canine & Feline

Full test menus, clinical chemistry panels, and expanded bundles for easy ordering and additional savings

Visit zoetisreflabs.com/DOS or log in to [ZoetisDx](#) to view the most up-to-date test menu.



Expanded Bundle Menu

Two Categories of ZRL™ Bundles

We've enhanced our bundle menu to offer comprehensive options and make it more convenient for you to choose the tests you need. Our bundles are organized into 2 categories:



Wellness Bundles

Named for **life stages** and generally intended for wellness testing:

- ZRL™ Junior
- ZRL™ Adult
- ZRL™ Senior



Clinical Bundles

Named for **clinical area of need** and generally intended for evaluation of specific organ systems or investigation of specific disease states.



BUNDLES AT A GLANCE

Junior Bundles at a Glance

The foundation of our Junior Bundles is both a **Basic CBC** and a **ClinChem 18 with SDMA**.

Junior Complete

Components	Test Name	Test Code
Basic CBC, ClinChem 18 with SDMA, Urinalysis	ZRL™ Junior Complete	JWP
+ HW	ZRL™ Junior Complete with HW	25001642

Junior with O&P

Components	Test Name	Test Code
Basic CBC, ClinChem 18 with SDMA, Ova and Parasite	ZRL™ Junior with O&P	25001635
+ HW + Tick	ZRL™ Junior with O&P, HW, Tick	25001636
+ <i>Giardia</i> + HW + Tick	ZRL™ Junior with O&P, <i>Giardia</i> , HW, Tick	25001637

Junior

Components	Test Name	Test Code
Basic CBC, ClinChem 18 with SDMA	ZRL™ Junior	25001634
+ T4	ZRL™ Junior with T4	25001641
+ HW	ZRL™ Junior with HW	25001638
+ HW + Tick	ZRL™ Junior with HW, Tick	25001639
+ PT/aPTT	ZRL™ Junior with PT/aPTT	25001640



Upgrade any bundle to a Comprehensive CBC.
Use test code **CBCCUP**.

BUNDLES AT A GLANCE

Adult Bundles at a Glance

The foundation of our Adult Bundles is both a **Basic CBC** and a **ClinChem 25 with SDMA**.

Adult Complete

Components	Test Name	Test Code
Basic CBC, ClinChem 25 with SDMA, UA	ZRL™ Adult Complete	AWP
+ O&P + HW + Tick	ZRL™ Adult Complete with O&P, HW, Tick	25001631

Adult with O&P

Components	Test Name	Test Code
Basic CBC, ClinChem 25 with SDMA, Ova and Parasite	ZRL™ Adult with O&P	25001630

Adult

Components	Test Name	Test Code
Basic CBC, ClinChem 25 with SDMA	ZRL™ Adult	25000501
+ HW	ZRL™ Adult with HW	25000502



Upgrade any bundle to a Comprehensive CBC.
Use test code **CBCCUP**.

BUNDLES AT A GLANCE

Senior Bundles at a Glance

The foundations of our Senior Bundles are a **Basic CBC**, a **ClinChem 25 with SDMA**, and a **T4**.

Senior Complete

Components	Test Name	Test Code
Basic CBC, ClinChem 25 with SDMA, T4, UA	ZRL™ Senior Complete	SWP
+ FT4	ZRL™ Senior Complete with FT4	25001656
+ HW + TG	ZRL™ Senior Complete with HW, TG	25001657
+ cPL + TG	ZRL™ Senior Complete with cPL, TG	25001655
+ O&P + FeLV/FIV	ZRL™ Senior Complete with O&P, FeLV/FIV	25001646

Senior with O&P

Components	Test Name	Test Code
Basic CBC, ClinChem 25 with SDMA, T4, O&P	ZRL™ Senior with O&P	25001643
+ HW	ZRL™ Senior with O&P, HW	25001644

Senior

Components	Test Name	Test Code
Basic CBC, ClinChem 25 with SDMA, T4	ZRL™ Senior	SBASIC
+ FT4	ZRL™ Senior with FT4	25001645

For the full list of Senior Complete with O&P Bundles [click here](#).



Comprehensive CBC upgrade is recommended for all Senior Bundles. Use test code **CBCCUP**.

BUNDLES AT A GLANCE

Clinically Focused Bundles

Our clinical bundles provide you with the information you need to evaluate organ systems or disease states in your patients.

	Test Code	CBC	ClinChem	UA	T4	SDMA	Reflex UPC	Fructosamine
ZRL™ Mature Cat	25000500	Basic	Mature Cat	✓	✓	✓	✓	✓
ZRL™ Critical Care	25000508	Basic	Critical Care	✓				
ZRL™ Renal	25000478	Basic	Renal	✓		✓	✓	
ZRL™ Metabolic	25000493	Basic	Metabolic	✓	✓	✓	✓	✓
ZRL™ Pre-Anesthetic	25000496	Basic	Pre-Anesthetic					
ZRL™ Feline Hyperthyroid	25000490	Basic	Feline Hyperthyroid	✓	✓	✓	✓	

GI-Focused Bundles

	Test Code	ClinChem	DGGR Lipase	Cbl	Fol	TLI	Cortisol	Giardia Ag	O&P
ZRL™ Canine GI	25000491	25	✓	✓	✓	✓	✓		
ZRL™ Canine GI with O&P, Giardia	25001632	25	✓	✓	✓	✓	✓	✓	✓
ZRL™ Feline GI	25000492	25	✓	✓	✓				
ZRL™ Feline GI with O&P, Giardia	25001633	25	✓	✓	✓			✓	✓

UA = Urinalysis
Cbl = Cobalamin
Fol = Folate
TLI = Trypsin-Like Immunoreactivity

CHEMISTRY PANELS AT A GLANCE

ClinChem Panels

Test Name	Test Code	Components
ClinChem 18 with SDMA	25001624	Glu, Na, K, Na:K Ratio, Cl, BUN, Creat, BUN:Creat Ratio, Ca, Phos, TP, Alb, Glob, Alb:Glob Ratio, ALT, ALP, TBili, Chol, SDMA
ClinChem 25 with SDMA	25001625	Glu, Na, K, Na:K Ratio, Cl, BUN, Creat, BUN:Creat Ratio, Ca, Phos, TP, Alb, Glob, Alb:Glob Ratio, ALT, ALP, TBili, Chol, CO2, Anion Gap, Mg, AST, GGT, CK, Osmol(c), SDMA
Feline Hyperthyroid ClinChem	25000507	BUN, Creat, K, Phos, Alb, ALT, SDMA, TT4
Metabolic ClinChem	25000512	Gluc, BUN, Creat, BUN:Creat Ratio, TP, ALP, ALT, Chol, Na, K, Na:K Ratio, Trig, Fructosamine, TT4
Mini Renal ClinChem	25000513	BUN, Creat, K, Phos, Alb
Renal ClinChem	25000479	Gluc, Na, K, Cl, BUN, Creat, BUN:Creat Ratio, Ca, P, CO2, AG, TP, ALB, Chol, Osmol(c), SDMA
Mature Cat ClinChem	25000482	Gluc, Na, K, Na:K Ratio, Cl, BUN, Creat, BUN:Creat Ratio, Ca, Phos, TP, Alb, Glob, Alb:Glob Ratio, ALT, ALP, AST, GGT, CK, TBili, Chol, TT4, Fructosamine
Critical Care ClinChem, Canine/Feline	25000488	Gluc, BUN, Creat, BUN:Creat Ratio, TP, Alb, Na, K, Na:K Ratio, Cl, CO2, Anion Gap, TBili, Osmol(c)
Liver ClinChem	25000510	Gluc, BUN, TP, Alb, Glob, Alb:Glob Ratio, AST, ALT, ALP, GGT, TBili, Chol
NSAID ClinChem	25000514	BUN, Creat, BUN:Creat Ratio, ALT
Phenobarbital ClinChem	25000515	Gluc, Na, K, Creat, Ca, TP, Alb, ALT, ALP, TBili, Phenobarbital
Pre-Anesthetic ClinChem	25000516	Gluc, Na, K, Creat, Ca, TP, ALT, TBili

Key

TAT: TURNAROUND TIME

SST ○ : SERUM SEPARATOR (GEL)

RTT ● : CLOT ACTIVATOR (NO GEL)

LTT ● : K EDTA

BTT ● : Na CITRATE

GRNTT ● : LITHIUM HEPARIN

WTT ○ : NO ADDITIVE

Feces ●

Urine ●

M-SST □

M-RTT ■

M-LTT ■

M-GRNTT ■


GRYTT ● : K OXALATE/Na FLUORIDE

RBTT ● : Na EDTA/Na HEPARIN

†Send-out test


 Refrigerate

 Refrigerate, do not freeze

 Refrigerate, protect from light

 Freeze








 Freeze, protect from light

 Room temperature

COMMON TESTS

Canine & Feline Tests



Common Tests

Hematology/Coagulation				
Test Name / Code	Sample Requirements	Components / Notes	TAT	Price
Basic CBC, Canine/Feline (Healthy, Non-geriatric) 2000	<ul style="list-style-type: none"> LTT 2 mL EDTA whole blood, air-dried slides 	RBC, HCT, HGB, MCV, MCHC, CHCM, RDW, WBC, WBC Differential, Platelet Count, MPV. If results indicate, will include a PCV, Manual Differential, and/or Reticulocyte Count.	8 AM next day	\$17.00
Comprehensive CBC, Canine/Feline CBCC	<ul style="list-style-type: none"> LTT 2 mL EDTA whole blood, air-dried slides 	CBC with blood smear review by technician. If results indicate, will include a PCV, Manual Differential, Saline Agglutination Test, Reticulocyte Count, and/or Pathologist Review.	8 AM next day*	\$28.00
Pathologist Review PATH		Blood smear review by pathologist. May be added on to Comprehensive CBC only.	1-2 days	\$75.00
Comprehensive CBC Upgrade (add to Bundle) CBCCUP	<ul style="list-style-type: none"> LTT 2 mL EDTA whole blood, air-dried slides 	CBC with blood smear review by technician. If results indicate, will include a PCV, Manual Differential, Saline Agglutination Test, Reticulocyte Count, and/or Pathologist Review.	8 AM next day*	\$11.00
Reticulocyte RETIC	<ul style="list-style-type: none"> LTT 1 mL EDTA whole blood 	RBC, % Reticulocyte, Reticulocyte	8 AM next day	\$17.33
Heartworm Antigen Test 6001	<ul style="list-style-type: none"> SST, RTT, LTT 0.25 mL of serum or EDTA plasma 	DiroCHEK® ELISA	8 AM next day	\$8.77
Modified Knott's Test for Microfilariae (Heartworm) 6225	<ul style="list-style-type: none"> LTT 2 mL EDTA whole blood 		1-2 days	\$35.68
Heartworm Antigen with Heat Treatment HWHEAT	<ul style="list-style-type: none"> SST, RTT, LTT 0.5 mL plasma or serum (or 1 mL whole blood) 		1-2 days	\$23.81







* Pathologist Review may extend turnaround time by 1-2 days for final report.

COMMON TESTS











Hematology/Coagulation

Test Name / Code	Sample Requirements	Components / Notes	TAT	Price
Heartworm Antigen Test (Alternate Methodology) 25000533	●●● SST, RTT, LTT 0.5 mL serum or EDTA plasma or whole blood 	This test (Zoetis Witness) is an antigen test that employs different methodology than our standard HW antigen test (Zoetis DiroCHEK®) offered in our labs. Its intended use is as a confirmatory test for positive results prior to initiation of therapy (in accordance with American Heartworm Society guidelines).	8 AM next day	\$11.88
Feline Heartworm Antibody (ELISA)† 6007	●● SST, RTT 1 mL serum 		5-7 days	\$133.36










Chemistry Panels

Test Name / Code	Sample Requirements	Components / Notes	TAT	Price
Feline Hyperthyroid ClinChem 25000507	●● SST, RTT 2 mL serum 	BUN, Creat, K, Phos, Alb, ALT, SDMA, TT4	8 AM next day	\$21.74
Metabolic ClinChem 25000512	●● SST, RTT 2 mL serum 	Gluc, BUN, Creat, BUN:Creat Ratio, TP, ALP, ALT, Chol, Na, K, Na:K Ratio, Trig, Fructosamine, TT4	1-2 days	\$32.14
Renal ClinChem 25000479	●● SST, RTT 2 mL serum 	Gluc, Na, K, Cl, BUN, Creat, BUN:Creat Ratio, Ca, P, FeLV CO2, AG, TP, ALB, Chol, Osmol(c), SDMA	8 AM next day	\$21.06
Mature Cat ClinChem 25000482	●● SST, RTT 1 mL serum 	Gluc, Na, K, Na:K Ratio, Cl, BUN, Creat, BUN:Creat Ratio, Ca, Phos, TP, Alb, Glob, Alb:Glob Ratio, ALT, ALP, AST, GGT, CK, TBili, Chol, TT4, Fructosamine	1-2 days	\$31.28
Critical Care ClinChem, Canine/Feline 25000488	●● SST, RTT 1 mL serum 	Gluc, BUN, Creat, BUN:Creat Ratio, TP, Alb, Na, K, Na:K Ratio, Cl, CO2, Anion Gap, TBili, Osmol(c)	8 AM next day	\$10.17
Liver ClinChem 25000510	●● SST, RTT 1 mL serum 	Gluc, BUN, TP, Alb, Glob, Alb:Glob Ratio, AST, ALT, ALP, GGT, TBili, Chol	8 AM next day	\$10.17

COMMON TESTS

Chemistry Panels				
Test Name / Code	Sample Requirements	Components / Notes	TAT	Price
Mini Renal ClinChem 25000513	● SST, RTT 1 mL serum 	BUN, Creat, K, Phos, Alb	8 AM next day	\$8.51
NSAID ClinChem 25000514	● SST, RTT 1 mL serum 	BUN, Creat, BUN:Creat Ratio, ALT	8 AM next day	\$8.51
Phenobarbital ClinChem 25000515	● RTT 2 mL serum 	Gluc, Na, K, Creat, Ca, TP, Alb, ALT, ALP, TBili, Phenobarbital	1-2 days	\$33.97
Pre-Anesthetic ClinChem 25000516	● SST, RTT 1 mL serum 	Gluc, Na, K, Creat, Ca, TP, ALT, TBili	8 AM next day	\$8.51
ClinChem 18 Chem18	● SST, RTT 0.5 mL serum 	Glu, Na, K, Na:K Ratio, Cl, BUN, Creat, BUN:Creat Ratio, Ca Phos, TP, Alb, Glob, Alb:Glob Ratio, ALT, ALP, TBili, Chol	8 AM next day	\$19.00
ClinChem 18 with SDMA 25001624	● SST, RTT 0.5 mL serum 	Glu, Na, K, Na:K Ratio, Cl, BUN, Creat, BUN:Creat Ratio, Ca Phos, TP, Alb, Glob, Alb:Glob Ratio, ALT, ALP, TBili, Chol, SDMA	8 AM next day	\$29.45
ClinChem 25 1000	● SST, RTT 1 mL serum 	Glu, Na, K, Na:K Ratio, Cl, BUN, Creat, BUN:Creat Ratio, Ca, Phos, TP, Alb, Glob, Alb:Glob Ratio, ALT, ALP, TBili, Chol, CO2, Anion Gap, Mg, AST, GGT, CK, Osmol(c)	8 AM next day	\$25.00
ClinChem 25 with SDMA 25001625	● SST, RTT 1 mL serum 	Glu, Na, K, Na:K Ratio, Cl, BUN, Creat, BUN:Creat Ratio, Ca, Phos, TP, Alb, Glob, Alb:Glob Ratio, ALT, ALP, TBili, Chol, CO2, Anion Gap, Mg, AST, GGT, CK, Osmol(c), SDMA	8 AM next day	\$35.15
Individual Chemistry Tests				
Test Name / Code	Sample Requirements	Components / Notes	TAT	Price
Triglycerides 1023	● SST, RTT 0.5 mL serum 		8 AM next day	\$8.35
SDMA 7037	● SST, RTT 1 mL serum 		8 AM next day	\$12.00






COMMON TESTS

GI/Pancreatic Testing				
Test Name / Code	Sample Requirements	Components / Notes	TAT	Price
DGGR Lipase 1030	● ● SST, RTT 0.5 mL serum 		8 AM next day	\$8.35
Canine Pancreatic Lipase (cPL) 2073	● ● SST, RTT 0.5 mL serum 		1-2 days	\$44.50
TLI, Canine 6206	● ● SST, RTT 		1-2 days	\$35.68
PLI and TLI, Feline (TX GI) [†] 7253	● ● SST, RTT 1 mL separated serum 		2-5 days	\$120.05
Cobalamin (Vitamin B12) 6207	● ● SST, RTT 1 mL separated serum 		1-2 days	\$35.68
Folate 6208	● ● SST, RTT 1 mL serum 		1-2 days	\$35.68
Cobalamin and Folate KFCOFO	● ● SST, RTT 2 mL serum 		1-2 days	\$59.49
cPL, TLI, Cobalamin, and Folate, Canine 7250	● ● SST, RTT 2 mL serum 		1-2 days	\$154.72
PLI, TLI, Cobalamin, and Folate, Feline (TX GI) [†] 7251	● ● SST, RTT 2 mL separated non-hemolyzed serum 		2-5 days	\$149.53






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COMMON TESTS










Fecal/Parasitology				
Test Name / Code	Sample Requirements	Components / Notes	TAT	Price
Ova and Parasite (Centrifugal Fecal Flotation) Test 2320A	● Feces 3-5g fresh feces 	Centrifugal Fecal Flotation with sugar	Next day by 5 PM	\$15.00
<i>Giardia</i> Focused O&P 25001611	● Feces 3-5g fresh feces	Centrifugal Fecal Flotation with zinc Feces in sealed, leakproof container or plastic bag with excess air expressed from the bag	Next day 5 PM	\$10.00
O&P (Centrifugal Fecal Flotation) Panel 25001613	● Feces 10 g fresh feces	Centrifugal Fecal Flotation with sugar and zinc Feces in sealed, leakproof container or plastic bag with excess air expressed from the bag	Next day by 5 PM	\$20.01
<i>Giardia</i> Antigen Test 2321	● Feces 3 gm fresh feces 	ELISA	Next day by 5 PM	\$8.77
Ova and Parasite (Centrifugal Fecal Flotation) Test and <i>Giardia</i> Antigen Test 2320	● Feces 5 gm fresh feces 		Next day by 5 PM	\$17.39
Fecal Direct Smear Test 25001610	● Feces 1-3 g fresh feces	Feces in sealed, leakproof container or plastic bag with excess air expressed from the bag	1-3 days	\$7.49
O&P (Centrifugal Fecal Flotation) with Direct Smear 25001614	● Feces 5g fresh feces	Feces in sealed, leakproof container or plastic bag with excess air expressed from the bag	1-3 days	\$17.49
Fecal Sedimentation Test 25001612	● Feces 10 g fresh feces	Feces in sealed, leakproof container or plastic bag with excess air expressed from the bag	1-4 days	\$49.97
McMaster (Fecal Egg Counting) Test 2328	● Feces 5 gm fresh feces 	Quantitative analysis	1-2 days	\$23.81
Centrifugal Fecal Flotation Test (O&P) & McMaster (Fecal Egg Counting) Test 25000487	● Feces 8-10 gm fresh feces 		1-2 days	\$23.81

COMMON TESTS

Fecal/Parasitology				
Test Name / Code	Sample Requirements	Components / Notes	TAT	Price
Heartworm Antigen Test 6001	<p>●●● SST, RTT, LTT 0.25 mL of serum or EDTA plasma</p> 	DiroCHEK® ELISA	8 AM next day	\$8.77
Modified Knott's Test for Microfilariae (Heartworm) 6225	<p>● LTT 2 mL EDTA whole blood</p> 		1-2 days	\$35.68
O&P with HW & Tick 25001627	<p>O&P: 3g fresh feces HW: 0.25 mL of serum or EDTA plasma Tick: 0.25 mL of serum or EDTA plasma or whole blood</p> 	Tick Panel: Lateral flow assay for <i>Ehrlichia</i> , <i>Anaplasma</i> , <i>Borrelia</i> (Lyme)	O&P: Next day by 5 PM HW & Tick: 8 AM next day	\$34.43



COMMON TESTS




Endocrinology				
Test Name / Code	Sample Requirements	Components / Notes	TAT	Price
Total T4 5102	● SST, RTT 0.5 mL serum 		8 AM next day	\$15.84
Thyroid Panel 25000484	● SST, RTT 1 mL serum 	TT4, FT4, TSH	8 AM next day (1-2 days for feline samples)	\$27.50
Cortisol (Baseline/Resting) 5101	● SST, RTT 0.5 mL serum 		8 AM next day (1-2 days for feline/ equine samples)	\$15.03
Fructosamine 1024	● SST, RTT 0.5 mL serum 		1-2 days	\$15.03
Progesterone 5105	● RTT 0.5 mL serum 		8 AM next day	\$41.68
Free T4 5103	● SST, RTT 0.5 mL serum 		8 AM next day	\$15.84
TSH 5106	● SST, RTT 0.5 mL serum 		8 AM next day (1-2 days for feline samples)	\$15.03
ACTH Stimulation (2 samples) 6100	● SST, RTT 0.5 mL serum each sample (2 samples required) 		8 AM next day (1-2 days for feline samples)	\$28.57
Dexamethasone Suppression (2 samples) 6103	● SST, RTT 0.5 mL serum each sample (2 samples required) 		8 AM next day (1-2 days for feline samples)	\$28.57







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COMMON TESTS

Serology/Infectious Diseases

Test Name / Code	Sample Requirements	Components / Notes	TAT	Price
Tick Panel Screening Test 6002	●●● SST, RTT, LTT 0.25 mL of serum or EDTA plasma or whole blood 	Lateral flow assay for <i>Ehrlichia</i> , <i>Anaplasma</i> , <i>Borrelia</i> (Lyme)	8 AM next day	\$12.47
FeLV/FIV Rapid Test 6005	●●● SST, RTT, LTT 0.25 mL of serum or EDTA plasma or whole blood 	Lateral flow assay with confirmation of positive FeLV results by ViraCHEK® ELISA	8 AM next day	\$15.03
O&P with HW & Tick 25001627	O&P: 3g fresh feces HW: 0.25 mL of serum or EDTA plasma Tick: 0.25 mL of serum or EDTA plasma or whole blood 	Tick Panel: Lateral flow assay for <i>Ehrlichia</i> , <i>Anaplasma</i> , <i>Borrelia</i> (Lyme)	O&P: Next day by 5 PM HW & Tick: 8 AM next day	\$34.43

Urine Testing

Test Name / Code	Sample Requirements	Components / Notes	TAT	Price
Urinalysis 3000	● Urine 5 mL urine in WTT/sterile container 		8 AM next day	\$15.84
Urine Protein:Creatinine Ratio 1555	● Urine 5 mL urine in WTT/sterile container 		8 AM next day	\$15.84
Urine Electrolyte Panel (for Fractional Excretion)* FREXCRE	● Urine 5 mL urine in WTT/sterile container 	Cl, Creat, K, Na	3-5 days	\$110.64
Urinalysis with Reflex UPC 25000521	● Urine 5 mL urine in WTT/sterile container 	An automatic Urine Protein:Creatinine Ratio will be performed when proteinuria is present.	8 AM next day	\$20.22

BUNDLES

Canine & Feline Bundles				
Test Name / Code	Sample Requirements	Components / Notes	TAT	Price
ZRL™ Junior Complete JWP	●●●○● 1 mL serum; 2 mL EDTA whole blood, air-dried slides; 5 mL urine in WTT/sterile container	Basic CBC, ClinChem 18 with SDMA, Urinalysis	8 AM next day	\$42.21
ZRL™ Junior Complete with HW 25001642	●●●○● 2 mL serum; 2 mL EDTA whole blood (LTT), air dried slides; 5 mL urine in a WTT/sterile container	Basic CBC, ClinChem 18 with SDMA, Urinalysis, Heartworm Antigen	8 AM next day	\$45.88
ZRL™ Junior with O&P 25001635	●●●● 1 mL serum; 2 mL EDTA whole blood (LTT), air dried slides; 3g fresh feces	Basic CBC, ClinChem 18 with SDMA, Ova and Parasite	8 AM next day	\$56.70
ZRL™ Junior with O&P, HW, Tick 25001636	●●●● 2 mL serum; 2 mL EDTA whole blood (LTT), air dried slides; 3g fresh feces	Basic CBC, ClinChem 18 with SDMA, Ova and Parasite, Heartworm Antigen, Tick Panel	8 AM next day	\$80.03
ZRL™ Junior with O&P, Giardia, HW, Tick 25001637	●●●● 2 mL serum; 2 mL EDTA whole blood (LTT), air dried slides; 3g fresh feces	Basic CBC ClinChem 18 with SDMA, Ova and Parasite + Giardia ELISA, Heartworm Antigen, Tick Panel	8 AM next day	\$69.30
ZRL™ Junior 25001634	●●● 1 mL serum; 2 mL EDTA whole blood (LTT), air dried slide	Basic CBC, ClinChem 18 with SDMA	8 AM next day	\$45.60
ZRL™ Junior with T4 25001641	●●● 1 mL serum; 2 mL EDTA whole blood (LTT), air dried slide	Basic CBC, ClinChem 18 with SDMA, T4	8 AM next day	\$60.64
ZRL™ Junior with HW 25001638	●●● 2 mL serum; 2 mL EDTA whole blood (LTT), air dried slide	Basic CBC, ClinChem 18 with SDMA, Heartworm Antigen	8 AM next day	\$51.10
ZRL™ Junior with HW, Tick 25001639	●●● 2 mL serum; 2 mL EDTA whole blood (LTT), air dried slide	Basic CBC, ClinChem 18 with SDMA, Heartworm Antigen, Tick Panel	8 AM next day	\$62.32
ZRL™ Junior with PT/aPTT 25001640	●●●● 1 mL serum; 2 mL EDTA whole blood (LTT), air dried slide, 0.5 mL separated citrated plasma	Basic CBC, ClinChem 18 with SDMA, PT/aPTT	8 AM next day	\$57.45
ZRL™ Adult Complete AWP	●●●○● 1 mL serum; 2 mL EDTA whole blood, air-dried slides; 5 mL urine in WTT/sterile container	Basic CBC, ClinChem 25 with SDMA, Urinalysis	8 AM next day	\$47.32
ZRL™ Adult Complete with O&P, HW, Tick 25001631	●●●○●● 2 mL serum; 2 mL EDTA whole blood, air-dried slides; 5 mL urine in WTT/sterile container, 3-5g fresh feces	Basic CBC, ClinChem 25 with SDMA, Urinalysis, Ova and Parasite, Heartworm Antigen, Tick Panel	8 AM next day Fecal 5 PM next day	\$71.03

BUNDLES


Canine & Feline Bundles

Test Name / Code	Sample Requirements	Components / Notes	TAT	Price
ZRL™ Adult with O&P 25001630	●●●● 1 mL serum; 2 mL EDTA whole blood, air-dried slides; 5 mL urine in WTT/sterile container, 3-5g fresh feces	Basic CBC, ClinChem 25 with SDMA, Ova and Parasite	8 AM next day Fecal 5 PM next day	\$65.55
ZRL™ Adult 25000501	●●● 1 mL serum; 2 mL EDTA whole blood (LTT), air-dried slides	Basic CBC, ClinChem 25 with SDMA	8 AM next day	\$31.05
ZRL™ Adult with HW 25000502	●●● 2 mL serum; 2 mL EDTA whole blood (LTT), air-dried slides	Basic CBC, ClinChem 25 with SDMA, Heartworm Antigen	8 AM next day	\$41.00
ZRL™ Senior Complete SWP	●●●○ 1 mL serum, 2 mL EDTA whole blood, air-dried slides, 5 mL urine in WTT/sterile container	Basic CBC, ClinChem 25 with SDMA, T4, Urinalysis	8 AM next day	\$69.99
ZRL™ Senior Complete with FT4 25001656	●●●○ 2 mL serum, 2 mL EDTA whole blood, air- dried slides, 5 mL urine in WTT/sterile container	Basic CBC, ClinChem 25 with SDMA, T4, Urinalysis, FT4	8 AM next day	\$81.53
ZRL™ Senior Complete with HW, TG 25001657	●●●○ 2 mL serum, 2 mL EDTA whole blood, air-dried slides, 5 mL urine in WTT/sterile container, 0.5 mL of serum or EDTA plasma or whole blood	Basic CBC, ClinChem 25 with SDMA, T4, Urinalysis, Heartworm Antigen, Triglycerides	8 AM next day	\$82.75
ZRL™ Senior Complete with cPL, TG 25001655	●●●○ 2 mL serum; 2 mL EDT, 2 mL serum, 2 mL EDTA whole blood, air-dried slides, 5 mL urine in WTT/sterile container, 0.5 mL of serum or EDTA plasma or whole blood	Basic CBC, ClinChem 25 with SDMA, T4, Urinalysis, cPL, Triglycerides	8 AM next day cPL 1-2 days	\$116.69
ZRL™ Senior SBASIC	●●● 1 mL serum, 2 mL EDTA whole blood, air-dried slides	Basic CBC, ClinChem 25 with SDMA, T4	8 AM next day	\$54.94
ZRL™ Senior with O&P 25001643	●●●● 1 mL serum, 2 mL EDTA whole blood, air-dried slides, 3-5g fresh feces	Basic CBC, ClinChem 25 with SDMA, T4, O&P	8 AM next day Fecal 5 PM next day	\$62.95
ZRL™ Senior with O&P, HW 25001644	●●●● 2 mL serum, 2 mL EDTA whole blood, air-dried slides, 3-5g fresh feces	Basic CBC, ClinChem25 with SDMA, T4, Ova and Parasite, Heartworm Antigen	8 AM next day Fecal 5 PM next day	\$62.97

BUNDLES




Canine & Feline Bundles				
Test Name / Code	Sample Requirements	Components / Notes	TAT	Price
ZRL™ Senior with FT4 25001645	●●● 2 mL serum, 2 mL EDTA whole blood, air-dried slides	Basic CBC, ClinChem25 with SDMA, T4, FT4	8 AM next day	\$70.78
ZRL™ Senior Complete O&P with FeLV/FIV 25001646	●●●● 1 mL serum, 2 mL EDTA whole blood, air-dried slides, 3-5g fresh feces	Basic CBC, ClinChem 25 with SDMA, T4, Urinalysis, Ova and Parasite, FeLV/FIV	8 AM next day Fecal 5 PM next day	\$70.02
ZRL™ Senior Complete O&P with FeLV/FIV, HW 25001647	●●●● 2 mL serum, 2 mL EDTA whole blood, air-dried slides, 3-5g fresh feces	Basic CBC, ClinChem 25 with SDMA, T4, Urinalysis, Ova and parasite, FeLV/FIV, Heartworm Antigen	8 AM next day Fecal 5 PM next day	\$103.36
ZRL™ Senior Complete O&P with HW 25001648	●●●● 2 mL serum, 2 mL EDTA whole blood, air-dried slides, 3-5g fresh feces	Basic CBC, ClinChem 25 with SDMA, T4, Urinalysis, Ova and Parasite, Heartworm Antigen	8 AM next day Fecal 5 PM next day	\$95.61
ZRL™ Senior Complete O&P, HW, Tick, UPC 25001654	●●●● 2 mL serum, 2 mL EDTA whole blood, air-dried slides, 3-5g fresh feces	Basic CBC, ClinChem 25 with SDMA, T4, Urinalysis, Ova and Parasite, Heartworm Antigen, Tick Panel, Urine Protein:Creatinine Ratio	8 AM next day Fecal 5 PM next day	\$109.86
ZRL™ Senior Complete O&P with fPLI 25001649	●●●● 1 mL serum, 2 mL EDTA whole blood, air-dried slides, 3-5g fresh feces	Basic CBC, ClinChem 25 with SDMA, T4, Urinalysis, Ova and Parasite, Feline Pancreatic Lipase (PLI) (Texas A&M GI Lab)	8 AM next day Fecal 5 PM next day fPLI 2-5 days	\$131.71
ZRL™ Senior Complete O&P with <i>Giardia</i> 25001650	●●●● 1 mL serum, 2 mL EDTA whole blood, air-dried slides, 3-5g fresh feces	Basic CBC, ClinChem 25 with SDMA, T4, Urinalysis, Ova and Parasite, <i>Giardia</i> ELISA	8 AM next day Fecal 5 PM next day	\$78.64
ZRL™ Senior Complete O&P with <i>Giardia</i> , HW, Tick 25001651	●●●● 2 mL serum, 2 mL EDTA whole blood, air-dried slides, 3-5g fresh feces	Basic CBC, ClinChem 25 with SDMA, T4, Urinalysis, Ova and Parasite, <i>Giardia</i> ELISA, Heartworm Antigen, Tick Panel	8 AM next day Fecal 5 PM next day	\$92.32
ZRL™ Senior Complete O&P with HW, Tick 25001652	●●●● 2 mL serum, 2 mL EDTA whole blood, air-dried slides, 3-5g fresh feces	Basic CBC, ClinChem 25 with SDMA, T4, Urinalysis, Ova and Parasite, Heartworm Antigen, Tick Panel	8 AM next day Fecal 5 PM next day	\$100.92
ZRL™ Senior Complete O&P with HW, Tick, cPL, TG 25001653	●●●● 2 mL serum, 2 mL EDTA whole blood, air-dried slides, 3-5g fresh feces	Basic CBC, ClinChem 25 with SDMA, T4, Urinalysis, Ova and Parasite, Heartworm Antigen, Tick Panel, cPL, Triglycerides	8 AM next day Fecal 5 PM next day cPL 1-2 days	\$127.26
ZRL™ Critical Care 25000508	●●●● 2 mL EDTA whole blood, air-dried slides, 1 mL serum, 5 mL urine in WTT/sterile container	Basic CBC, Critical Care ClinChem, Urinalysis	8 AM next day	\$40.85
ZRL™ Feline Hyperthyroid 25000490	●●●● 2 mL EDTA whole blood, air-dried slides, 2 mL serum, 5 mL urine in WTT/sterile container	Basic CBC, Feline Hyperthyroid ClinChem, Urinalysis, Reflex UPC	8 AM next day	\$56.01

BUNDLES

Canine & Feline Bundles				
Test Name / Code	Sample Requirements	Components / Notes	TAT	Price
ZRL™ Mature Cat 25000500	●●●● 2 mL EDTA whole blood, air-dried slides, 2 mL serum, 5 mL urine in WTT/sterile container	Basic CBC, Mature Cat ClinChem, SDMA, UA, Reflex UPC	8 AM next day	\$91.52
ZRL™ Canine GI 25000491	●● 2 mL serum in RTT	ClinChem 25, DGGR Lipase, Cobalamin, Folate, Cortisol, TLI	1-2 days	\$121.73
ZRL™ Canine GI with O&P, <i>Giardia</i> 25001632	ZRL™ Canine GI: 2mL serum in RTT 5g fresh feces	ClinChem 25, DGGR Lipase, Cobalamin, Folate, Cortisol, TLI, O&P, and <i>Giardia</i>	ZRL™ Canine GI: 1-2 days O&P & <i>Giardia</i> : Next day by 5 PM	\$132.16
ZRL™ Feline GI 25000492	●● 2 mL serum in SST or RTT	ClinChem 25, DGGR Lipase, Cobalamin, Folate	1-2 days	\$82.00
ZRL™ Feline GI with O&P, <i>Giardia</i> 25001633	ZRL™ Feline GI: 2mL serum in SST or RTT 5g fresh feces	ClinChem 25, DGGR Lipase, Cobalamin, Folate, O&P, and <i>Giardia</i>	ZRL™ Feline GI: 1-2 days O&P & <i>Giardia</i> : Next day by 5 PM	\$94.41
ZRL™ Metabolic 25000493	●●●● 2 mL EDTA whole blood, air-dried slides, 1 mL serum, 5 mL urine in WTT/sterile container	Basic CBC, Metabolic ClinChem, Urinalysis, Reflex UPC	1-3 days	\$65.90
ZRL™ Pre-Anesthetic 25000496	●●● 1 mL serum, 2 mL EDTA whole blood, air-dried slides	Basic CBC, Pre-Anesthetic ClinChem	8 AM next day	\$24.04
ZRL™ Renal 25000478	●●●● 2 mL EDTA whole blood, air-dried slides, 1 mL serum, 5 mL urine in WTT/sterile container	Basic CBC, Renal ClinChem with SDMA, Urinalysis, Reflex UPC	8 AM next day	\$56.42
Urinalysis with Urine Culture & Sensitivity 25001629	Urinalysis: 5 mL urine in WTT/sterile container Urine C&S: 1 mL urine in WTT or sterile container		Urinalysis: 8 AM next day Urine C&S: 1-5 days	\$76.79
Canine Diarrhea PCR [†] with O&P, <i>Giardia</i> 25001623	O&P: 3g fresh feces <i>Giardia</i> : 5g fresh feces Diarrhea Panel: feces, fecal swab or GI tissue. Minimum 1 g feces in a clean leakproof container. If submitting fecal swab, please submit two. 		O&P & <i>Giardia</i> : Next day by 5 PM Diarrhea Panel: 5-7 days	\$100.85

BUNDLES











Canine & Feline Bundles

Test Name / Code	Sample Requirements	Components / Notes	TAT	Price
Feline Diarrhea PCR [†] with O&P, <i>Giardia</i> 25001626	O&P: 3g fresh feces <i>Giardia</i> : 5g fresh feces Diarrhea Panel: feces, fecal swab or GI tissue. Minimum 1 g feces in a clean leakproof container. If submitting fecal swab, please submit two. Diarrhea Panel: RTT, feces, culture swab feces, fecal swab or GI tissue. Minimum 1 g feces in a clean leakproof container. If submitting fecal swab, please submit two. 	Feline PCR Diarrhea Panel, Ova and Parasite, and <i>Giardia</i> antigen ELISA	O&P & <i>Giardia</i> : Next day by 5 PM Diarrhea Panel: 5-7 days	\$110.06
O&P with HW & Tick 25001627	O&P: 3g fresh feces HW: 0.25 mL of serum or EDTA plasma Tick Panel: 0.25 mL of serum or EDTA plasma or whole blood 	Tick Panel: Lateral flow assay for <i>Ehrlichia</i> , <i>Anaplasma</i> , <i>Borrelia</i> (Lyme)	O&P: Next day by 5 PM HW & Tick: 8 AM next day	\$34.43
Tick with HW 25001628	● ● ● SST, RTT, LTT 0.5 mL of serum or EDTA plasma 	Tick Panel: Lateral flow assay for <i>Ehrlichia</i> , <i>Anaplasma</i> , <i>Borrelia</i> (Lyme) HW: DiroCHEK® ELISA	8 AM next day	\$20.18










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ADDITIONAL TESTS

Endocrinology				
Test Name / Code	Sample Requirements	Components / Notes	TAT	Price
ACTH Stimulation (2 samples) 6100	●● SST, RTT 0.5 mL serum each sample (2 samples required) 		8 AM next day (1-2 days for feline samples)	\$28.57
ACTH Stimulation (3 samples) 6101	●● SST, RTT 0.5 mL serum each sample (3 samples required) 		8 AM next day (1-2 days for feline samples)	\$42.85
Cortisol (Single Sample, Post-ACTH) CORTPOST	●● SST, RTT 0.5 mL serum 	This test is intended as a single sample, post-ACTH administration (eg, when a baseline cortisol has been previously performed).	8 AM next day (1-2 days for feline samples)	\$21.45
Dexamethasone Suppression (3 samples) 6104	●● SST, RTT 0.5 mL serum each sample (3 samples required) 		8 AM next day (1-2 days for feline samples)	\$47.62
Malignancy (Hypercalcemia) Panel† 6555	●●● SST or RTT AND LTT 1 mL serum AND 0.5 mL EDTA plasma, separated. Freeze SEPARATED serum and plasma prior to shipping. 	PTH, PTHrp, Free (Ionized) Calcium	5-7 days	\$146.64
Parathyroid Panel† 6306	● RTT 1 mL serum 	PTH, Free (Ionized) Calcium	5-7 days	\$114.17
Free T4 by ED† 6330	●● SST, RTT 0.5 mL serum 		5-7 days	\$112.64
Insulin:Glucose Ratio† MSUIG	●● RTT, LTT 1 mL serum or EDTA plasma 		3-7 days	\$133.36
Anti-Müllerian Hormone† 5555	● RTT 0.5 mL non-hemolyzed serum (frozen) 		5-8 days	\$138.64
Premium Thyroid Panel + TSH, Feline† 6550	●● SST, RTT 2 mL serum, separated and frozen 	TT4, TT3, FT4 by ED, TSH	5-7 days	\$137.76









ADDITIONAL TESTS

Endocrinology				
Test Name / Code	Sample Requirements	Components / Notes	TAT	Price
Insulin-like Growth Factor [†] ILGROFAC	●●● SST, RTT, LTT 0.5 mL serum or EDTA plasma 		5-10 days	\$130.64
Vitamin D (25-hydroxyvitamin D3) [†] VITD	●●● RTT, LTT, GRNTT 0.5 mL serum or EDTA or heparinized plasma, separated 		4-10 days	\$113.64
Premium Thyroid Panel, Canine [†] 6545	●● SST, RTT 2 mL serum, separated 	TT4, TT3, FT4 by ED, TSH, TgAA, T4AA, and T3AA	5-7 days	\$140.64
Luteinizing Hormone (LH), Canine/Feline LH	●● SST, RTT 0.5 mL serum  same day		8 AM next day	\$65.48
Urine Cortisol:Creatinine Ratio 3310	○● WTT, Urine 1 mL in sterile container 		8 AM next day (1-2 days for feline samples)	\$65.48
Endogenous ACTH, Canine [†] 1384	● LTT 0.25 mL EDTA plasma (separated) 		2-5 days	\$98.64
Total T3 (TT3), Canine/Feline [†] 1396	●● RTT, GRNTT 1.5 mL serum or heparinized plasma		2-5 days	\$74.10
Adrenal Panel (with ACTH Stimulation), Canine/Feline [†] ACTHADR	●● SST, RTT 2 mL serum each (2 samples) 	Baseline and post-ACTH Cortisol, Estradiol, Androstenedione, Progesterone, 17-Hydroxyprogesterone, Testosterone	12 days	\$243.91








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ADDITIONAL TESTS

Endocrinology				
Test Name / Code	Sample Requirements	Components / Notes	TAT	Price
Aldosterone Pre & Post [†] ALDOSPOST	●●● SST, RTT, LTT 0.5 mL EDTA plasma (preferred); 0.5 mL serum also accepted. Do not send whole blood.		7-10 days	\$90.58
Gastrin [†] GASTRIN	● RTT 0.5 mL serum 		3-12 days	\$105.64
OFA Thyroid Panel, Canine [†] K9THYROID	●● SST, RTT 2 mL serum 	TT4, TT3, FT4 by ED, TSH, TgAA, T4AA, and T3AA	2-3 weeks	\$138.64
Reproductive Hormone Panel [†] RHP	●● LTT, RTT (no SST) 2 mL serum or plasma (no SST)	Estrogen, Progesterone, Testosterone	5-10 days	\$143.65
17-Hydroxyprogesterone, Pre & Post-(ACTH Stim) [†] 17HPROG	●● SST, RTT 0.5 mL serum each 2 samples, frozen 		7-10 days	\$85.64
Aldosterone Baseline [†] ALDOS	●●● SST, RTT, LTT 0.5 mL EDTA plasma (preferred); 0.5 mL serum also accepted. Do not send whole blood. 		7-10 days	\$93.64
Pregnancy Test (Relaxin), Canine/Feline 6009	●●● SST, RTT, LTT 0.5 mL serum or EDTA plasma 	Relaxin	1-2 days	\$53.55
Estradiol, Baseline [†] ESTRADIOL	●● SST, RTT 0.5 mL serum 		7-10 days	\$92.64
Ovarian Remnant Syndrome [†] OVR	● RTT 0.5 mL serum (frozen) 	Anti-Müllerian Hormone, Progesterone	8-10 days	\$149.53
Testosterone, Baseline [†] TESTOS	●● RTT, LTT 1 mL serum or EDTA plasma 		2-9 days	\$90.64


ADDITIONAL TESTS

Endocrinology				
Test Name / Code	Sample Requirements	Components / Notes	TAT	Price
Thyroglobulin Autoantibody [†] 6437	●● SST, RTT 0.5 mL serum		3-5 days	\$88.64
Testosterone Post-HCG/GnRH [†] TESTPOST	●● RTT, LTT 1 mL serum or EDTA plasma 		3-8 days	\$83.64
Metanephrines, Plasma-free [†] METAPLAS	●● LTT, GRNTT 1-2 mL EDTA or heparinized plasma, frozen 		5-7 days	\$202.60
Metanephrines, Urine Fractionated [†] METAUR	○● WTT, Urine 2.5-4 mL urine 		5-7 days	\$108.28
Vitamin D Profile [†] VITP	●● RTT, GRNTT 1.5 mL serum or heparinized plasma, separated 	PTH, Free (Ionized) Calcium, and 25-hydroxyvitamin D	3-9 days	\$131.34
Parathyroid Hormone-Related Protein (PTHrP) [†] PTHRP	● LTT 0.5 mL separated EDTA plasma (frozen). Do not send whole blood. 		5-7 days	\$118.64



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ADDITIONAL TESTS

Microbiology				
Test Name / Code	Sample Requirements	Components / Notes	TAT	Price
Aerobic Culture 7156	○ WTT/sterile tube Culture swab or fluid/tissue in WTT or sterile tube	Bacterial culture and identification; Sensitivity performed when appropriate; varies by host species, source, and organism	2-5 days	\$65.00
Anaerobic Culture 7157	○ WTT/sterile tube Culture swab or fluid/tissue in WTT, anaerobic transport medium, or sterile tube	Anaerobic bacterial culture and identification	2-7 days	\$35.68
Aerobic and Anaerobic Culture 7135	○ WTT/sterile tube Culture swab or fluid/tissue in WTT, anaerobic transport medium, or sterile tube		2-7 days	\$100.00
Urine Culture and Sensitivity 7140	○ ● WTT/sterile tube, Urine 1 mL urine in WTT or sterile container 	Bacterial culture and identification; Sensitivity performed when appropriate; varies by host species, source, and organism	1-5 days	\$65.00
Hold Urine Culture for 48 hours 25000534		Bacterial culture will be held for an additional 24 hours (48 hours total). This test is intended for use in working up complicated/chronic urinary tract infections and must be ordered at the time the urine culture is initially requested.	2 days	\$0.01
Reflex Aerobic Culture (Contingent) 25000536	○ WTT/sterile tube Culture swab, fluid in WTT or sterile tube, or fresh tissue in WTT or sterile tube	An aerobic bacterial culture will be automatically added, if indicated (bacteria seen), to cytology sample.	2-5 days	\$56.07
Fungal Culture 7145	○ WTT/sterile tube Culture swab or fluid/tissue in WTT or sterile tube	Fungal culture and identification	Up to 26 days for final report	\$65.48











ADDITIONAL TESTS

Microbiology				
Test Name / Code	Sample Requirements	Components / Notes	TAT	Price
Fecal Culture 7155	● Feces 5 gm fresh feces, submitted in a fecal container	Bacterial culture and identification; Sensitivity performed when appropriate; varies by host species, source, and organism	2-7 days	\$65.48
Dermatophyte Culture 7160	○ WTT/sterile tube Hair or nail clippings, skin scrapings, culture swab, or fluid/tissue	Dermatophyte fungal culture and identification	12 days for final report	\$65.48
Mycoplasma Culture ⁺ MYCOPLASCU	Swab/wash (Amies with charcoal) or tissue in a sterile, leakproof container		Up to 21 days	\$87.64
Blood Culture 7150	2 aerobic blood culture bottles should be submitted (available upon request). Blood should be drawn from 2 sites (eg, left jugular, right saphenous)	Bacterial culture and identification; Sensitivity performed when appropriate; varies by host species, source, and organism	2-5 days	\$130.91
Brucella canis Culture ⁺ BRUCLCULT	1) PREFERRED: Whole blood (min: 0.5 mL) in aerobic blood culture bottle; 2) Abortion: fetal stomach contents (1-5 mL), lung, placenta (1-5 gm); 3) Female: vaginal discharge (1-5 mL), uterine tissue (1-5 gm); 4) Male: semen (1-5 mL), testicular tissue (1-5 gm); 5) Aseptically collected swab in Amies Transport Medium or Anaerobic Transport Medium 		7-10 days	\$98.64
Mycobacterium Culture ⁺ MYCO	Intestine, lymph node, rectal, or skin biopsy in sterile, leakproof container		60 days	\$97.64
Acid-Fast Stain, Non-Avian/Reptile ACIDFAST	○ WTT/sterile tube Culture swab or fluid/tissue in WTT or sterile tube	For detection of acid-fast positive bacilli	1-4 days	\$40.45
Fungal Susceptibility 1 Drug ⁺ FUNGALSUS1		Add-on susceptibility to fungal plate grown at Zoetis Reference Laboratories.	1-2 weeks	\$127.92











ADDITIONAL TESTS

Microbiology				
Test Name / Code	Sample Requirements	Components / Notes	TAT	Price
Fungal Susceptibility 2 Drugs [†] FUNGALSUS2		Add-on susceptibility to fungal plate grown at Zoetis Reference Laboratories.	1-2 weeks	\$202.34
Fungal Susceptibility 3 Drugs [†] FUNGALSUS3		Add-on susceptibility to fungal plate grown at Zoetis Reference Laboratories.	1-2 weeks	\$276.76
<i>Ureaplasma</i> Culture [†] UREAPLASMACX	2 mL aseptically-collected urine OR an aseptically-collected swab of one of the following: 1) Uterine, cervical, or vaginal mucus; 2) Semen; 3) Tracheal wash or lung tissue 		7-10 days	\$98.64
Urinalysis with Urine Culture & Sensitivity 25001629	Urinalysis: 5 mL urine in WTT/sterile container Urine C&S: 1 mL urine in WTT or sterile container 		Urinalysis: 8 AM next day Urine C&S: 1-5 days	\$76.79
Urine Testing				
Test Name / Code	Sample Requirements	Components / Notes	TAT	Price
Bence-Jones Immunofixation [†] BENJ	Sterile leakproof container ●○ RTT or WTT/sterile tube 10 mL urine or 1 mL serum	Protein electrophoresis, routine immunofixation, and light chains immunofixation	3-5 days	\$295.05
Stone Analysis [†] 7032	Dry stones in sterile container with no additive 		4-9 days	\$102.64
Urinalysis with Urine Culture & Sensitivity 25001629	Urinalysis: 5 mL urine in WTT/sterile container Urine C&S: 1 mL urine in WTT or sterile container 		Urinalysis: 8 AM next day Urine C&S: 1-5 days	\$76.79










ADDITIONAL TESTS

Serology/Infectious Disease				
Test Name / Code	Sample Requirements	Components / Notes	TAT	Price
Cryptococcus Antigen Titer by Latex Agglutination 7216	●● SST, RTT 0.5 mL serum or CSF 		1-2 days	\$89.29
Coccidioides Titer AGID⁺ 6129	● SST 1 mL serum 	IgG, IgM	3-5 days	\$100.64
Blastomyces Quantitative Antigen EIA⁺ BLASTANT	●●●● SST, LTT, GRNTT, BTT 1.2 mL serum or plasma, separated; or 0.8 mL CSF; or 0.5 mL urine or BAL fluid 		2-5 days	\$135.64
Fungal Titer Panel AGID⁺ 6130	● SST 1 mL serum 	<i>Coccidioides</i> (IgG/IgM), <i>Blastomyces</i> (IgG), and <i>Histoplasma</i> (IgG). If indicated, can substitute <i>Aspergillus</i> (IgG) and/or <i>Cryptococcus</i>	3-6 days	\$147.64
Vector Serology Panel, Canine⁺ EXTENTICK	● RTT 2 mL serum 	<i>Babesia canis</i> , <i>B gibsoni</i> , <i>Ehrlichia canis</i> , <i>Rickettsia rickettsii</i> , <i>Bartonella henselae</i> , <i>B vinsoni</i> , <i>B koehlerae</i> (by IFA); <i>Borrelia</i> (Lyme), <i>Anaplasma</i> , <i>Ehrlichia</i> , and heartworm (by rapid test)	10-14 days	\$173.71
Tick Serology Panel 7185	●● SST, RTT 3 mL serum 	<i>E. canis</i> (IFA), <i>A. phagocytophilum</i> (IFA), <i>B. burgdorferi</i> (Cornell Multiplex Antibody Test) ⁺	2-7 days	\$142.85
Toxoplasma gondii ELISA⁺ TOXAB189	●●● SST, RTT, LTT 0.5 mL serum or 0.25 mL CSF in LTT 	Detects the presence of antibodies to <i>Toxoplasma gondii</i> in serum, cerebrospinal fluid, and aqueous humor	5-7 days	\$87.64
Tick with HW 25001628	●●● SST, RTT, LTT 0.5 mL of serum or EDTA plasma 	Tick Panel: Lateral flow assay for <i>Ehrlichia</i> , <i>Anaplasma</i> , <i>Borrelia</i> (Lyme) Heartworm: DiroCHEK [®] ELISA	8 AM next day	\$20.18
Vaccine Titer (Qualitative), Canine 6145	●● SST, RTT 0.5 mL serum 	Qualitative titer for canine distemper virus and canine parvovirus	1-3 days	\$47.62
Feline Vaccine Panel 2⁺ 7200	● RTT 1 mL serum 	Herpesvirus, calicivirus, parvovirus (panleukopenia)	6-10 days	\$122.64









ADDITIONAL TESTS

Serology/Infectious Disease				
Test Name / Code	Sample Requirements	Components / Notes	TAT	Price
Rabies Titer for Export† 7205E	● RTT 2 mL serum 		6-7 weeks	\$157.66
Core Vaccine Titer Panel (includes Rabies, non-export), Canine† 6160	● RTT 2 mL serum 	Titers for canine distemper, canine adenovirus-2, canine parvovirus, and rabies	5-6 weeks	\$173.71
<i>Leptospira</i> MAT, 5 Serovar† 6164	● RTT 0.5 mL serum 	Detection of antibodies to <i>Leptospira interrogans</i> serovars <i>pomona</i> , <i>hardjo</i> , <i>icterohaemorrhagiae/copenhageni</i> , <i>grippityphosa</i> , and <i>canicola</i>	Up to 10 days	\$102.40
<i>Leptospira</i> MAT, 5 Serovar & PCR† 6163	● ● RTT, LTT For MAT: 0.5 mL serum in RTT; For PCR: 5 mL Urine; OR 1 mL EDTA whole blood (LTT); OR 1 gm tissue (e.g., kidney and/or liver); OR 1 mL aqueous humor; OR 0.5 ml CSF 	MAT includes detection of antibodies to <i>Leptospira interrogans</i> serovars <i>pomona</i> , <i>hardjo</i> , <i>icterohaemorrhagiae/copenhageni</i> , <i>grippityphosa</i> , and <i>canicola</i>	Up to 10 days	\$137.76
<i>Leptospira</i> Antibodies (IgM), Canine 6008	● ● SST, RTT, LLT 0.5 mL serum or EDTA plasma or whole blood 	Detects IgM for the following canine serovars: <i>canicola</i> , <i>icterohaemorrhagiae</i> , <i>grippityphosa</i> , <i>pomona</i>	1-3 days	\$23.81
Feline Coronavirus (ELISA) 5556	● ● SST, RTT 0.5 mL serum 		2-3 days	\$47.62
Feline Coronavirus (IFA) CORONAIFA	● ● SST, RTT 1 mL serum 	Detects IgG antibodies against Feline coronavirus. Positive results reported as a titer.	2-3 days	\$89.29
<i>Brucella canis</i> Titer IFA BRUCIFA	● ● SST, RTT 1 mL serum 		1-4 days	\$89.29
Neurology Infectious Disease Panel† NEUROID	● SST 2 mL serum 	<i>E canis</i> , <i>R rickettsii</i> , <i>B burgdorferi</i> (IFA); <i>Blastomyces</i> IgG, <i>Histoplasma</i> IgG, <i>Coccidioides</i> IgG/IgM; <i>Toxoplasma</i> IgG/IgM, <i>Cryptococcus neoformans</i> antigen, <i>Neosporium caninum</i> IgG/IgM, <i>A phagocytophilum</i> , <i>Aspergillus</i> IgG	3-5 days	\$387.64
Lyme Multiplex Test, Canine† LYMEMPLX	● RTT 2 mL serum 		5-7 days	\$115.64












ADDITIONAL TESTS

Serology/Infectious Disease				
Test Name / Code	Sample Requirements	Components / Notes	TAT	Price
<i>Anaplasma phagocytophilum</i> (IFA) ANATITER	●● SST, RTT 1 mL serum 		2-3 days	\$47.62
<i>Aspergillus</i> Titer AGID ⁺ ASP	○ SST 1 mL serum 	IgG	3-5 days	\$104.64
Australia Export Completion Panel ⁺ AUSECPN	●● SST, RTT 2 mL serum 	<i>Brucella canis</i> – for intact animals only (NOT required if dog desexed), <i>Leishmania infantum</i> , <i>Leptospira canicola</i> – NOT required for dogs that have been fully vaccinated against <i>Leptospira interrogans</i> serovar <i>canicola</i> at least 14 days before export (vaccination must still be valid at the time of export), <i>Ehrlichia canis</i>	9-12 days	\$156.14
<i>Brucella canis</i> Slide AGGL/AGID II ⁺ 6315	● RTT 0.5 mL serum 		3-5 days	\$112.64
<i>Borrelia</i> (Lyme) (Western Blot) LYMEWB	●● SST, RTT 1 mL serum		1-7 days (test performed on Mondays)	\$53.55
<i>Neospora caninum</i> IFA ⁺ NEO	○ SST 1 mL serum IgG, IgM 		3-5 days	\$110.64
Rabies Screen Titer (not for export) ⁺ 7205	● RTT 1 mL serum 		4-5 weeks	\$116.64
<i>Trypanosoma cruzi</i> (Chagas Disease) IFA Titer ⁺ TCRUIFA	●● SST, RTT 1 mL serum 		3-5 days	\$96.51
<i>Aspergillus</i> Galactomannan Antigen EIA ⁺ ASPGUR	● RTT 0.8 mL serum (separated), CSF, urine, or BAL fluid 		2-5 days	\$143.65
<i>Bartonella</i> IFA ⁺ 6025	● RTT 2 mL serum 	Detects antibodies against <i>Bartonella henselae</i> , <i>B vinsonii</i> subsp <i>berhoffii</i> , and <i>B koehlerae</i>	Up to 4 weeks	\$137.76








ADDITIONAL TESTS

Serology/Infectious Disease				
Test Name / Code	Sample Requirements	Components / Notes	TAT	Price
Comprehensive (PCR and Serology) Vector Panel, Canine [†] K9FCOMP	● ● RTT, LTT 2 mL serum in RTT AND 2 mL whole blood in LTT 	<i>Babesia canis</i> , <i>B gibsoni</i> , <i>E canis</i> , <i>R rickettsii</i> (RMSF), <i>Bartonella henselae</i> , <i>B vinsonii</i> , <i>B koehlerae</i> (by IFA); Lyme, <i>Anaplasma</i> , <i>Ehrlichia</i> , and heartworm (by rapid assay); PCR for <i>Babesia</i> , <i>Bartonella</i> , <i>Anaplasma</i> , <i>Ehrlichia</i> , <i>Rickettsia</i> , and hemotropic <i>Mycoplasma</i> organisms	10 days	\$277.88
<i>Toxoplasma gondii</i> ELISA (Canine) & <i>Neospora caninum</i> IFA [†] K9TOXOPL	● ● ● SST, RTT, LTT 1 mL serum Serum required for <i>Neospora</i> testing. May submit serum or 0.5 mL CSF or aqueous humor in LTT for <i>Toxoplasma</i> testing. 		7-10 days	\$117.64
Canine Distemper Virus Titer (Cornell) [†] DISTEMP	● RTT 1 mL serum or CSF 	Canine Distemper Virus (SN)	7-10 days	\$102.40
<i>Ehrlichia canis</i> (IFA) EHRCH	● ● SST, RTT 1 mL serum 	Detects IgG antibodies against <i>Ehrlichia canis</i> . Positive results reported as a titer.	2-3 days	\$47.62
FIV by Western Blot & ELISA [†] FIVWB	● ● RTT, LTT 1 mL serum or EDTA plasma 		4-7 days	\$138.64
<i>Histoplasma</i> Quantitative Antigen EIA [†] HISTOANT	● ● ● ● ● SST, RTT, LTT, GRNTT, BTT 1.2 mL serum or plasma, separated; or 0.8 mL CSF; or 0.5 mL urine or BAL fluid 		2-5 days	\$135.64
Canine Adenovirus Type 1 Antibody (VN) [†] K9ADNE1	● ● SST, RTT 0.5 mL serum 		4 days from run date	\$79.89
<i>Leishmania</i> Titer IFA [†] LEISH	● ● SST, RTT 1 mL serum 		2-5 days	\$107.64









ADDITIONAL TESTS

Serology/Infectious Disease				
Test Name / Code	Sample Requirements	Components / Notes	TAT	Price
Lyme (<i>Borrelia</i>) Titer IFA ⁺ LYMEIFA	●● SST, RTT 1 mL serum 		2-3 days	\$89.64
<i>Pythium</i> Serology ⁺ OOPYTHIUM	● RTT 0.5 mL serum 		3-5 days	\$137.64
Rabies Antibody Endpoint (Not for Export) ⁺ 7206	● RTT 1 mL serum 		4-5 weeks	\$145.09
<i>Rickettsia rickettsii</i> (RMSF) IFA ⁺ RMSFIFA	● RTT 2 mL serum 		10 days	\$90.58
Feline Leukemia Virus (FeLV) (ELISA) 25000531	●●● SST, RTT, LTT 0.5 mL serum or EDTA plasma or whole blood 		Next day by 8 AM	\$17.87
<i>Babesia</i> IFA ⁺ BABESIAIFA	● RTT 2 mL serum 	<i>Babesia canis</i> , <i>B gibsoni</i>	10 days	\$106.14
Comprehensive (PCR and Serology) Vector Panel, Feline ⁺ FELVECTPNL	●● RTT, LTT 2 mL serum AND 2 mL EDTA whole blood 	<i>Bartonella henselae</i> , <i>B vinsonii</i> , <i>B koehlerae</i> (by IFA); <i>Borrelia</i> (Lyme), <i>Anaplasma</i> , <i>Ehrlichia</i> , and heartworm (by rapid assay); PCR for <i>Babesia</i> , <i>Bartonella</i> , <i>Cytauxzoon</i> , <i>Anaplasma</i> , <i>Ehrlichia</i> , <i>Rickettsia</i> , and hemotropic <i>Mycoplasma</i> organisms	7-10 days	\$272.15
Canine Influenza Virus Titer ⁺ K9FLUAB	● RTT 0.5 mL serum 	HAI (antibody detection) specific for H3N8	7-10 days	\$92.64
Tick Panel Screening Test + Heartworm Antigen Test 1389	0.5 mL of serum or EDTA plasma or whole blood 	<i>Ehrlichia</i> , <i>Anaplasma</i> , <i>Borrelia</i> (Lyme) by rapid assay; Heartworm Ag by DiroCHEK® ELISA	8 AM next day	\$19.74
New Zealand Export Panel I ⁺ NZECPN	●● SST, RTT 2 mL serum 	<i>Leptospira canicola</i> , occult heartworm	8-12 days	\$105.39
New Zealand Export Panel II ⁺ NZECPN2	●● SST, RTT 2 mL serum 	<i>Babesia gibsoni</i> , <i>Brucella canis</i>	3-5 days	\$182.64










ADDITIONAL TESTS

Hematology				
Test Name / Code	Sample Requirements	Components / Notes	TAT	Price
Antithrombin (AT3) [†] ANTTHRO3	● BTT 1 mL separated citrated plasma (frozen) 		3-5 days	\$107.14
Blood Typing BLTYP	● LTT 0.5 mL EDTA whole blood 		8 AM next day	\$107.11
ZRL™ Coagulation Panel I COAG	●● LTT, BTT 1 mL EDTA whole blood and 0.5 mL separated citrated plasma	PT, aPTT, Platelet Count, Total Plasma Protein	8 AM next day	\$89.00
Crossmatch, One Donor XMTCH1	●● RTT, LTT 1 mL serum AND 1 mL EDTA whole blood required for recipient and each donor 		8 AM next day	\$59.49
Crossmatch, Two Donors XMTCH2	●● RTT, LTT 1 mL serum AND 1 mL EDTA whole blood required for recipient and each donor 		8 AM next day	\$107.11
Crossmatch, Three Donors XMTCH3	●● RTT, LTT 1 mL serum AND 1 mL EDTA whole blood required for recipient and each donor 		8 AM next day	\$142.85
Crossmatch, Additional Donor XMTCHX	●● RTT, LTT 1 mL serum AND 1 mL EDTA whole blood required for recipient and each donor 		8 AM next day	\$35.68
DIC Panel [†] 6565	● BTT 2-3 mL separated citrated plasma, frozen 	aPTT, PT, Fibrinogen, Antithrombin, D-Dimer	2-5 days	\$173.13










ADDITIONAL TESTS

Hematology				
Test Name / Code	Sample Requirements	Components / Notes	TAT	Price
Flow Cytometry [†] FLOW	<ul style="list-style-type: none"> LTT May be performed on blood, bone marrow, cavity fluid, or tissue aspirate. Must have had CBC within previous 48 hours; please submit CBC results with sample. For blood or bone marrow: 1 mL in EDTA (LTT). For CBC: 1.5 mL EDTA whole blood. For cavity fluid: 0.5 mL in LTT and RTT (2 tubes). 	For sample preparation for tissue aspirate: Contact Customer Service at 1-888-965-9652 for submission instructions.	3-7 days	\$202.60
Flow Cytometry with CBC [†] FLOWCBC	<ul style="list-style-type: none"> LTT 1.5 mL EDTA whole blood 		3-7 days	\$226.20
Hemophilia Panel, Canine/Feline [†] HEMO	<ul style="list-style-type: none"> BTT 2-3 mL separated citrated plasma 	aPTT, PT, TCT, Factor VIII:C, Factor IX:C, vWF:Ag	3-5 days	\$144.14
Iron, Serum/Plasma, Canine [†] IRON	<ul style="list-style-type: none"> RTT, GRNTT 0.5 mL separated serum or heparinized plasma 		3-5 days	\$78.64
Iron Profile [†] IRONPRO	<ul style="list-style-type: none"> RTT, GRNTT 0.5 mL serum or heparinized plasma 	Iron, TIBC, and Ferritin	7-10 days	\$133.64
Anti-Platelet Flow Cytometry, Canine [†] PBA	<ul style="list-style-type: none"> LTT 1 mL EDTA whole blood 		4-7 days	\$137.76
Protein C [†] PROC	<ul style="list-style-type: none"> BTT 1 mL separated citrated plasma (frozen) 		2-3 days	\$111.14
PT & aPTT 4101	<ul style="list-style-type: none"> BTT 0.5 mL separated citrated plasma 		8 AM next day	\$23.81









ADDITIONAL TESTS

Hematology				
Test Name / Code	Sample Requirements	Components / Notes	TAT	Price
von Willebrand factor (vWF:Ag) [†] 4106	<ul style="list-style-type: none"> ● BTT, LTT 1 mL separated EDTA or citrated plasma 		3-5 days	\$103.64
Buffy Coat 6295	<ul style="list-style-type: none"> ● LTT 1 mL EDTA whole blood 		1-2 days	\$101.17
D-Dimer 4104	<ul style="list-style-type: none"> ● BTT 0.5 mL separated citrated plasma 	Semiquantitative D-Dimer assay	1-2 days	\$38.09
Direct Coombs 2701	<ul style="list-style-type: none"> ● LTT 2 mL EDTA whole blood 	IgG, IgM, C3	1-2 days	\$59.49
Fibrinogen, Canine/Feline 4103	<ul style="list-style-type: none"> ● BTT Citrated whole blood filled according to tube manufacturer 		2-3 days (3-4 days for feline samples)	\$23.81
Hemostasis Panel, Canine/Feline [†] 6560	<ul style="list-style-type: none"> ● BTT 2-3 mL separated citrated plasma and frozen 	aPTT, PT, TCT, vWF:Ag	3-5 days	\$117.14
Visual Platelet Estimate 2211	1 mL EDTA or citrated whole blood, air-dried slides 		8 AM next day	\$17.33
Technician Blood Smear Review SMREV	<ul style="list-style-type: none"> ● LTT 2 unstained, air-dried slides; include 2 mL EDTA whole blood, if possible (for in-lab preparation of smears)  Blood  Slides	Morphologic review of RBC, WBC, and platelets; Manual WBC Differential, and Visual Platelet Estimate. If indicated based on morphologic findings, a Pathologist Review will be included.	8 AM next day	\$16.64











ADDITIONAL TESTS

Hematology				
Test Name / Code	Sample Requirements	Components / Notes	TAT	Price
Coagulation Panel, Canine/Feline (Cornell) [†] COAGFA	● BTT 2 mL separated citrated plasma (frozen) 	aPTT, PT, TCT	2-3 days	\$97.64
Clotting Factor FIX [†] FACTORIX	● BTT 2 mL separated citrated plasma 		2-3 days	\$85.14
Clotting Factor FVIII [†] FACTORVIII	● BTT 2 mL separated citrated plasma 		2-3 days	\$85.14
Clotting Factor X [†] FACX	● BTT 2 mL separated citrated plasma 		2-3 days	\$85.14
Erythropoietin (EPO) [†] 50227	● SST or plasma separator tube 1-2 mL plasma or serum from SST or plasma separator tube (EDTA plasma not acceptable)		5-7 days	\$173.13
<i>Babesia</i> Blood Smear [†] BABBLDSMR	● LTT 2 mL EDTA whole blood 	Giemsa smear for <i>Babesia</i> organisms (available for export animals only)	3-5 days	\$73.54
Clotting Factor FXII [†] FACTORXII	● BTT 2 mL separated citrated plasma 		2-3 days	\$85.14
Low Molecular Weight Heparin [†] LMWHEPARIN	● BTT 0.5 mL citrated plasma (frozen) 	Anti-Xa activity of LMWH	2-3 days	\$110.64
Coagulation Panel and Fibrinogen, Canine/Feline [†] 1390	● BTT 2 mL separated citrated plasma 	aPTT, PT, TCT, and Fibrinogen	2-3 days	\$105.14
ZRL™ Coagulation Panel II 1391	● ● LTT, BTT 1 mL EDTA whole blood AND citrated whole blood filled according to tube manufacturer 	PT, aPTT, Fibrinogen, D-Dimer	2-3 days (temporary until fibrinogen back in-house)	\$85.71













ADDITIONAL TESTS

Chemistry				
Test Name / Code	Sample Requirements	Components / Notes	TAT	Price
Bile Acids Pre/Resting 6180	●● SST, RTT 0.5 mL serum 		1-2 days	\$26.16
Bile Acids Post 6181	●● SST, RTT 0.5 mL serum 		1-2 days	\$26.16
Free (Ionized) Calcium IONISTAT	● GRNTT Lithium heparinized whole blood. Ensure that the sample is treated anaerobically and that the correct ratio of heparin anticoagulant to blood is achieved (do not underfill GRNTT). 		1-2 days	\$47.62
Free (Ionized) Calcium (Mich. State Univ.) [†] 6304	● RTT 0.5 mL serum, separated. Ensure that the sample is treated anaerobically. 		3-6 days	\$74.64
LDH [†] LDH	●● RTT, GRNTT 0.5 mL separated serum or heparinized plasma (fluid and urine also accepted) 		3-5 days	\$81.64
Osmolality [†] OSMOLAL	●● RTT, GRNTT 1 mL separated heparinized or EDTA plasma 		2-3 days	\$89.64
Albumin 1001	●● SST, RTT 0.5 mL serum 		8 AM next day	\$6.64
Canine C-reactive Protein (CRP) [†] CRP	●● RTT, GRNTT 0.5 mL serum or heparinized plasma 		5-7 days	\$133.36

ADDITIONAL TESTS

Chemistry				
Test Name / Code	Sample Requirements	Components / Notes	TAT	Price
High-Sensitivity Cardiac Troponin I [†] TROPONIN	●● SST, RTT 0.5 mL non-hemolyzed serum (frozen) 	Patient should be fasted.	4-5 days	\$127.64
Corticosteroid-Induced Alk Phos (CIALP) [†] CIALP	●●● SST, RTT, GRNTT 0.5 mL serum or heparinized plasma 		2-3 days	\$138.99
NT-proBNP [†] PROBPNP	●●● SST, RTT, LTT, 0.3 mL EDTA plasma (canine, feline) or 0.3 mL serum (feline only) 		3-7 days	\$140.12
ALT 1002	●● SST, RTT 0.5 mL serum 		8 AM next day	\$7.00
ALP (Alk Phos) 1003	●● SST, RTT 0.5 mL serum 		8 AM next day	\$7.00
AST 1005	●● SST, RTT 0.5 mL serum 		8 AM next day	\$7.00
BUN 1006	●● SST, RTT 0.5 mL serum 		8 AM next day	\$7.00
Chloride 1007	●● SST, RTT 0.5 mL serum 		8 AM next day	\$7.00
Calcium (Total Calcium) 1008	●● SST, RTT 0.5 mL serum 		8 AM next day	\$7.00
Cholesterol 1009	●● SST, RTT 0.5 mL serum 		8 AM next day	\$7.00



ADDITIONAL TESTS

Chemistry				
Test Name / Code	Sample Requirements	Components / Notes	TAT	Price
Creatinine 1010	● SST, RTT 0.5 mL serum 		8 AM next day	\$7.00
Creatinine Kinase (CK) 1011	● SST, RTT 0.5 mL serum  		8 AM next day	\$6.64
GGT 1013	● SST, RTT 0.5 mL serum 		8 AM next day	\$7.00
Glucose 1014	● SST, RTT 0.5 mL serum 		8 AM next day	\$7.00
Magnesium 1016	● SST, RTT 0.5 mL serum 		8 AM next day	\$7.00
Phosphorus 1017	● SST, RTT 0.5 mL serum 		8 AM next day	\$7.00
Potassium 1018	● SST, RTT 0.5 mL serum 		8 AM next day	\$7.00
Sodium 1019	● SST, RTT 0.5 mL serum 		8 AM next day	\$7.00
CO2 1020	● SST, RTT 0.5 mL serum 		8 AM next day	\$7.00
Total Bilirubin 1021	● SST, RTT 0.5 mL serum  		8 AM next day	\$7.00











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ADDITIONAL TESTS


Chemistry				
Test Name / Code	Sample Requirements	Components / Notes	TAT	Price
Total Protein 1022	●● SST, RTT 0.5 mL serum 		8 AM next day	\$7.00
Glomerular Filtration Rate (Iohexol Clearance) [†] GFRIC	●● SST, RTT 0.5 mL serum (3 samples required) 		6-8 days	\$182.64
Lipid Profile [†] LIPIDPROF	●●● SST, RTT, GRNTT 1 mL serum OR 1 mL heparinized plasma	Chol, Trig, Chol HDL, Chol LDL, Non-HDL Chol, HDL/Chol Ratio	2-4 days	\$117.19






ADDITIONAL TESTS

Clinical Immunology				
Test Name / Code	Sample Requirements	Components / Notes	TAT	Price
2M Antibody Masticatory Muscle Myositis [†] 6403	● RTT 1 mL serum 		7-12 days	\$190.83
Acetylcholine Receptor Antibody/Myasthenia Gravis [†] 6402	● RTT 1 mL serum 		7-12 days	\$190.83
Complete Amino Acid Profile [†] COMPAA	● GRNTT 1 mL separated heparinized plasma 		7-9 days	\$220.31
IgA, Canine IGA	●● SST, RTT 2 mL serum 		3-5 days	\$53.55
Anti-Nuclear Antibody (IFA) ANA	●● SST, RTT 0.5 mL serum 	Detects antinuclear IgG antibodies. Positive results reported as a titer.	2-5 days	\$47.62
Protein Electrophoresis 6345	●● SST, RTT, sterile leakproof container 0.5 mL serum, >10 mL urine 		3-6 days	\$65.48
IgG, IgA, IgM, Canine [†] IGGAM	● RTT 1 mL separated serum 		7-10 days	\$150.64
IgG, Canine [†] IGG	● RTT 1 mL separated serum 		7-10 days	\$88.50
Allergy Panel, Canine/Feline [†] 25001385	●● SST, RTT 3 mL serum		10-14 days	\$311.10
Immunofixation Free Lt Chain Add-On [†] 25001431	● SST, sterile leakproof container 1 mL serum, 5-10 mL urine	Must be ordered in addition to Protein Electrophoresis.	3-4 days	\$142.31
Protein Electrophoresis Immunofix [†] 25001430	●● SST, RTT, sterile leakproof container 0.5 mL serum, >=10 mL urine		5-7 days	\$190.46

ADDITIONAL TESTS









Clinical Pharmacology/Toxicology				
Test Name / Code	Sample Requirements	Components / Notes	TAT	Price
Cyclosporine ⁺ 6335	●● RTT (no SST), LTT, 0.5 mL serum (no SST) or EDTA plasma 		3-5 days	\$120.05
Leflunomide Level ⁺ LEFLUNO	●● RTT (no SST), LTT 0.5 mL serum or plasma (no SST)		7-14 days	\$161.36
Levetiracetam (Keppra) ⁺ 6321	● RTT 0.5 mL serum		3-5 days	\$143.65
Quantitative Copper (Blood or Tissue) ⁺ 6171	●●● RTT, LTT, GRNTT 2 mL serum or whole blood (EDTA or heparin) or 50 mg wet tissue (fresh, frozen, fixed, or embedded in a paraffin block)		7-10 days	\$131.88
Zinc, Serum/Plasma ⁺ ZINC	● RBTT 2 mL Na EDTA plasma, separated 		3-5 days	\$101.64
Anticoagulant (Rodenticide) ⁺ ANTICOAG	● LTT 3 mL EDTA whole blood 	Includes brodifacoum, bromadiolone, chlorphacinone, difenacoum, difethialone, diphacinone, and warfarin	6-12 days	\$184.95
Bromide 1025	●● SST, RTT 1.5 mL serum 		2-7 days	\$133.36
Digoxin ⁺ 6320	●● LTT, RTT (no SST) 0.5 mL EDTA plasma or serum (no SST)		3-5 days	\$114.17
Drugs of Abuse ⁺ DOA	●● SST, RTT 10 mL serum or urine (10 gm liver or kidney also accepted)	Amphetamine, cocaine, benzoylecgonine, norcocaine, ephedrine, lysergic acid diethylamide, (LSD), methamphetamine, MDMA, nicotine, phentermine, psilocin, delta-9-THC, THC-OH, THC-COOH, methadone, morphine, HU-210, JWH-018	10-14 days	\$273.39
LC/Mass Spectrometry Toxicology Screen ⁺ LCMS	20 mL fluid; 50 gm tissue; 50 gm feed; OR 50 gm source material 	Toxicology screen for unknown exposure	3-9 days	\$232.08

ADDITIONAL TESTS










Clinical Pharmacology/Toxicology				
Test Name / Code	Sample Requirements	Components / Notes	TAT	Price
Blood Lead [†] 6240	● LTT, GRNTT 0.5 mL EDTA or heparinized whole blood 		5-7 days	\$106.64
Zonisamide [†] 6322	● LTT, RTT (no SST) 0.5 mL serum (no SST) or EDTA plasma		6-10 days	\$143.65
Keppra Levels Peak & Trough Samples [†] KEPPRA	● RTT (no SST) 2 samples of 0.5 mL serum (no SST) each		6-10 days	\$220.31
Phenobarbital 1031	● RTT 0.5 mL serum 		1-2 days	\$41.68
Gabapentin [†] GAB	● LTT, RTT (no SST) 0.5 mL EDTA plasma or serum (no SST)		3-5 days	\$133.64
Toxic Heavy Metal Panel [†] 1395	● LTT, GRNTT, BTT 5 mL EDTA, heparinized, or citratated whole blood; 3 gm tissue (liver or kidney) 	Quantitative analysis of arsenic, cadmium, lead, thallium, mercury, selenium	6-12 days	\$204.64



ADDITIONAL TESTS

Fecal/Parasitology				
Test Name / Code	Sample Requirements	Components / Notes	TAT	Price
<i>Giardia</i> & <i>Cryptosporidium</i> (IFA), Canine/Feline 2404	● Feces 3-5 gm fresh feces 	Detects antigen of <i>Giardia</i> spp and most cryptosporidia. Does not detect some spp of <i>Cryptosporidium</i> that are pathogenic in birds and reptiles.	1-4 days	\$36.92
Baermann Test (Lungworm) BAER	● Feces 10 gm fresh feces 		1-4 days	\$49.97
Heartworm Antigen with Heat Treatment HWHEAT	●●● SST, RTT, LTT 0.5 mL plasma or serum (or 1 mL whole blood) 		1-2 days	\$23.81
Fecal Occult Blood 7255	● Feces 1-3 gm fresh feces 		1-2 days	\$35.68
Canine Parvovirus Fecal Test 60002	● Feces 1 gm fresh feces 		Next day by 5 PM	\$53.55
Heartworm Antigen Test (Alternate Methodology) 25000533	●●● SST, RTT, LTT 0.5 mL serum or EDTA plasma or whole blood 	This test (Zoetis Witness) is an antigen test that employs different methodology than our standard HW antigen test (Zoetis DiroCHEK®) offered in our labs. Its intended use is as a confirmatory test for positive results prior to initiation of therapy (in accordance with American Heartworm Society guidelines).	8 AM next day	\$11.88
Modified Knott's Test with Quantification MODKNOTTSQ	● LTT 2 mL EDTA whole blood 		1-2 days	\$34.67
Feline Heartworm Antibody (ELISA)[†] 6007	●● SST, RTT 1 mL serum 		5-7 days	\$133.36










ADDITIONAL TESTS

GI/Pancreatic Testing				
Test Name / Code	Sample Requirements	Components / Notes	TAT	Price
Microbiota Dysbiosis Index, Canine [†] DYSINDEX	● Feces 1 gm feces 	Quantifies abundance of <i>Faecalibacterium</i> , <i>Turicibacter</i> , <i>Streptococcus</i> , <i>E coli</i> , <i>Blautia</i> , and <i>C hiranonis</i>	2-3 days	\$111.82
TLI, Cobalamin, and Folate, Canine 7252	●● SST, RTT 2 mL serum 		1-2 days	\$101.17
PLI, TLI, Cobalamin, and Folate, Canine (TX GI) [†] K9PTCFTX	●● SST, RTT 1 mL separated non-hemolyzed serum 		2-5 days	\$149.53
Pancreatic Lipase Immunoreactivity (PLI), Canine (TX GI) [†] PLITX	●● SST, RTT 0.5 mL separated serum 		3-5 days	\$117.64
Pancreatic Lipase Immunoreactivity (PLI), Feline (TX GI) [†] 7240	●● SST, RTT 0.5 mL separated serum 		2-5 days	\$117.64
PLI, Cobalamin, and Folate, Canine/Feline (TX GI) [†] FEPLICOFOL	●● SST, RTT 1 mL separated non-hemolyzed serum 		2-5 days	\$117.64
Trypsin-Like Immunoreactivity (TLI), Feline (TX GI) [†] 6203	●● SST, RTT 0.2 mL separated serum 		2-5 days	\$91.64
TLI, Cobalamin, and Folate, Feline (TX GI) [†] F7251	●● SST, RTT 1 mL separated non-hemolyzed serum 		2-5 days	\$117.64
Amylase (Mich. State Univ.) [†] 1004	● SST 0.5 mL serum 		2-3 days	\$82.54











ADD-ON TESTS

ZoetisDx makes it easy to place Add-On Orders for samples already submitted digitally to the lab (i.e., via PIMS or ZoetisDx).





If you ordered tests on paper requisition forms, call customer service at 1-888-965-9652.

Test Name / Code	Sample Requirements	Components / Notes	TAT	Price
Anaerobic ID Add-on A7157	○ WTT/sterile tube Culture swab or fluid/ tissue in WTT, anaerobic transport medium, or sterile tube		2-7 days	\$28.54
Bile Acid Pre/Resting Add-on A6180	●● SST, RTT 0.5 mL serum 		1-2 days	\$20.93
DGGR Lipase Add-on A1030	●● SST, RTT 0.5 mL serum 		8 AM next day	\$6.68
FELV/FIV Rapid Test Add-on A6005	●●● SST, RTT, LTT 0.25 mL of serum or EDTA plasma or whole blood 	Lateral flow assay with confirmation of positive FeLV results by ViraCHEK® ELISA	8 AM next day	\$12.02
Fructosamine Add-on A1024	●● SST, RTT 0.5 mL serum 		1-2 days	\$12.02
Heartworm Antigen Test Add-on A6001	●●● SST, RTT, LTT 0.25 mL of serum or EDTA plasma 	DiroCHEK® ELISA	8 AM next day	\$7.02
SDMA Add-on AN7037	●● SST, RTT 1 mL serum 		8 AM next day	\$9.60
Tick Panel Screening Test Add-on A6002	●●● SST, RTT, LTT 0.25 mL of serum or EDTA plasma or whole blood 	Lateral flow assay for <i>Ehrlichia</i> , <i>Anaplasma</i> , <i>Borrelia</i> (Lyme)	8 AM next day	\$9.98
Triglycerides Add-on A1023	●● SST, RTT 0.5 mL of serum or EDTA plasma or whole blood 		8 AM next day	\$6.68
TLI Canine Add-on A6206	●● SST, RTT 0.5 mL serum 		1-2 days	\$28.54

ADD-ON TESTS

Test Name / Code	Sample Requirements	Components / Notes	TAT	Price
Cortisol Add-on A5101	● RTT 0.5 mL serum 		8 AM next day (1-2 days for feline/equine samples)	\$12.02
Direct Coombs Add-on A2701	● LTT 2 mL EDTA whole blood 		1-2 days	\$47.59
Feline Heartworm Antibody (ELISA) Add-on* A6007	●● SST, RTT 1 mL serum 		5-7 days	\$106.69
Free T4 Add-on A5103	●● SST, RTT 0.5 mL serum 		8 AM next day	\$12.67
<i>Giardia</i> Antigen Test, Canine/Feline Add-on A2321	● Feces 3 gm fresh feces 		Next day by 5 PM	\$7.02
<i>Leptospira</i> Antibodies (IgM), Canine Add-on A6008	●●● SST, RTT, LTT 0.5 mL serum or EDTA plasma or whole blood 		1-3 days	\$19.05
Phenobarbital Add-on A1031	● RTT 0.5 mL serum 		1-2 days	\$33.34
Total T4 Add-on A5102	●● SST, RTT 0.5 mL serum 		8 AM next day	\$12.67
TSH Add-on A5106	●● SST, RTT 0.5 mL serum 		8 AM next day (1-2 days for feline samples)	\$12.02
Urine Culture and Sensitivity Add-on A7140	○● WTT/sterile tube, Urine 1 mL urine in WTT or sterile container 		1-5 days	\$52.00

ADD-ON TESTS

Test Name / Code	Sample Requirements	Components / Notes	TAT	Price
Urine Protein:Creatinine Ratio Add-on A1555	<ul style="list-style-type: none"> ○ ● WTT, Urine 1 mL urine in sterile container 		8 AM next day	\$12.67
Urine Cortisol:Creatinine Ratio Add-on† A3310	<ul style="list-style-type: none"> ○ ● WTT, Urine 1 mL urine in sterile container 		8 AM next day (1-2 days for feline samples)	\$52.38
Free (Ionized) Calcium (Mich. State Univ.) Add-on† A6304	<ul style="list-style-type: none"> ● RTT 0.5 mL serum, separated Ensure that the sample is treated anaerobically. 		3-6 days	\$59.71
Reticulocyte Count Add-on 25000525	<ul style="list-style-type: none"> ● LTT 0.5 mL EDTA whole blood 		8 AM next day	\$11.88



PATHOLOGY

Histopathology				
Test Name / Code	Sample Requirements	Components / Notes	TAT	Price
Histopathology Simple, Single Site ZN100	Formalin-fixed tissue	<ul style="list-style-type: none"> - Single site - No more than 10 cm in any dimension - Not for dermatologic disease or with other criteria of Complex Level 1 or 2 	3-7 days	\$85.00
Histopathology Simple, Multiple Sites (Up to 5 sites) ZN101	Formalin-fixed tissue	<ul style="list-style-type: none"> - Simple samples from up to 5 unique sites - No more than 10 cm in any dimension 	3-7 days	\$125.00
Histopathology Complex, Level 1 ZN102	Fresh or formalin-fixed tissue	<ul style="list-style-type: none"> - Skin biopsies for dermatologic disease (without dermatologist consult) - Multiple gastrointestinal biopsies - Bone marrow - Whole organs/major components of organs: eye, spleen, testicles, uterus/ovaries, mammary chains (2 or more connected glands), amputated digit/nail or tail, liver lobe, or lung lobe - Large samples (>10cm in any dimension) - Individual teeth or other small samples containing bone - Simple samples from 6-15 unique sites - Formalin-fixed whole bodies <300 g 	3-9 days	\$157.24
Histopathology Complex, Level 2 ZN103	Fresh or formalin-fixed tissue	<ul style="list-style-type: none"> - Mandible, maxilla (all jaws, regardless of size) - Amputated limb - Other large/atypical samples containing bone - Multiple Complex Level 1 samples - Simple samples from >15 sites 	Varies by nature of sample	\$199.93

PATHOLOGY

Specialty Histopathology Tests

Test Name / Code	Sample Requirements	Components / Notes	TAT	Price
Dermatopathology Panel (includes Histopathology & Dermatologist Consult) ZN400	Tissue, detailed history, and images are required. Skin punch biopsies or other similarly sized skin sample(s). Addendum provided with dermatologist case management guidance. Clinical images can be sent to referencelabpathology@zoetis.com	Consult provided after dermatopathology.	Dermatopathology: 3-7 days. Consult provided after dermatopathology.	\$172.59
Hepatopathology (Liver) Panel ZN500	H&E, copper, iron, and connective tissue stains and copper quantification. Please submit at least three 1 cm, 14G hepatic needle biopsies, a wedge biopsy, or other larger liver tissue sample.		Histopathology: 3-7 days. Quantitative copper analysis: Additional 3-7 days	\$279.70
Nephropathology (Renal) Panel ZN25000541	H&E, PAS, trichrome, Jones methenamine silver stains and Congo red staining, if indicated.		3-7 days	\$248.45






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PATHOLOGY

Other Histopathology Tests

Test Name / Code	Sample Requirements	Components / Notes	TAT	Price
C-Kit Mutation Assay[†] 6541	Paraffin block (preferred); Formalin-fixed tissue; fresh tissue; or minimum 6 unstained positively charged slides. Must also include the histopathology report. 	C-Kit PCR Exons 8 & 11 This test must be ordered on an existing histopathology accession. See specific recommendations made by the pathologist in the existing pathology report.	10-14 days	\$192.64
Melanoma Prognostic Panel, Canine[†] 6426	Fixed tissue, paraffin tissue block, or unstained slides 	IHC for Ki-67 and prognostic interpretation This test must be ordered on an existing histopathology accession. See specific recommendations made by the pathologist in the existing pathology report.	7-10 days	\$112.64
Complete Muscle Profile[†] CM	0.5 x 0.5 x 1.0 cm biopsy from affected, but not end-stage muscle from open biopsy procedure. Wrap specimen in a saline moistened (not dripping) gauze sponge, place in dry water-tight container, keep refrigerated, and ship on cold packs. Collect a second smaller biopsy and immersion fix in 10% neutral buffered formalin. For optimal results, keep specimens chilled and ship immediately. 		7-10 days	\$206.64
Lymphoid Neoplasia PCR/PARR (T&B cell) from Histopathology Sample[†] 6544	Biopsy sample	PARR for lymphoma and lymphoid leukemia This test must be ordered on an existing histopathology accession. See specific recommendations made by the pathologist in the existing pathology report.	10-14 days	\$261.56



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PATHOLOGY

Other Histopathology Tests

Test Name / Code	Sample Requirements	Components / Notes	TAT	Price
Mast Cell Tumor Prognostic Panel, Canine[†] 6540	Paraffin block, fresh or formalin-fixed tissue, or unstained, non-coverslipped, positively charged slides (minimum 10 slides)	IHC for C-Kit and Ki-67, PCR for C-Kit Exons 8 and 11, and AgNOR special staining This test must be ordered on an existing histopathology accession. See specific recommendations made by the pathologist in the existing pathology report.	10-14 days	\$325.23
Melanoma Diagnostic Panel, Canine[†] 6425	Fixed tissue, paraffin tissue block, or unstained slides	IHC for melan A, PNL-2, TRP-1, and TRP-2 This test must be ordered on an existing histopathology accession. See specific recommendations made by the pathologist in the existing pathology report.	3-5 days	\$143.65
Copper, Zinc, Iron Levels on Hepatic Tissue[†] COPZNCIRON	Liver may be fresh (minimum 50 mg wet tissue), frozen, fixed, or embedded in a paraffin block		1-2 weeks	\$125.99











PATHOLOGY

Cytopathology				
Test Name / Code	Sample Requirements	Components / Notes	TAT	Price
Cytopathology Simple/Single Site 7120	<ul style="list-style-type: none"> LTT Unstained, air-dried slides; fluid from a mass in LTT  Slides  Liquid 	For the following sample types: <ul style="list-style-type: none"> • Single lesion/tissue (FNA, swab, impression smear) • Single or multiple lymph nodes • Single joint (slides only) • Fluid from mass lesion (cytology only) 	1-2 days	\$90.00
Cytopathology Complex 7201	<ul style="list-style-type: none"> LTT Unstained, air-dried slides and/or fluid in LTT  Slides  Liquid 	For the following sample types: <ul style="list-style-type: none"> • Multiple lesions/tissues (FNA, swab, impression smear) • Joint fluid in LTT (single or multiple) • Multiple joints (slides only) • Cavitory effusion (single or multiple) • CSF • Bone marrow • BAL/TTW • Other fluids/lavage 	1-2 days	\$121.98
Lymphoid Neoplasia PCR/PARR (T&B Cell) from Blood, Fluid, Cytopathology Sample* 6542	<ul style="list-style-type: none"> LTT May be performed on blood, bone marrow, cavity fluid, CSF, or tissue aspirate. For blood, bone marrow, or other fluids: 1 mL in EDTA (LTT). For tissue aspirate: aspirate into EDTA or submit cytology preparation (slides). 		7-12 days	\$261.56



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GENETIC TESTING

Test Name / Code	Sample Requirements	Components / Notes	TAT	Price
Degenerative Myelopathy[†] DEGMYE	<ul style="list-style-type: none"> ● LTT 3-7 mL EDTA whole blood  Blood  Tissue 	If submitting tissue, do not place in formalin. Place tissue in sterile container/bag, double bag, freeze, and ship with ice pack. UMC CANINE DM DNA TESTING & RESEARCH FORM required.	2 weeks	\$131.88
Fanconi Syndrome Test[†] FANCONI	<ul style="list-style-type: none"> ● Urine 3 mL urine (frozen)  		1-4 weeks	\$132.64
Centronuclear Myopathy[†] CNM	Interdental/GUM brushes supplied by owner or Cytology Brush supplied by VGL at no additional charge		10-14 days	\$173.13
Methylmalonic Aciduria (Cobalamin Malabsorption)[†] COBMAL	<ul style="list-style-type: none"> ● Urine 3 mL urine (frozen)  		5-7 days	\$125.99
Cystinuria Nitroprusside[†] CYSTINURIA	<ul style="list-style-type: none"> ● Urine 3 mL urine (frozen)  		7-10 days	\$117.64
Congenital (CKCS) Macrothrombocytopenia[†] CKCSMACRO	<ul style="list-style-type: none"> ● LTT 1 mL EDTA whole blood AND 3-5 unstained blood smears  Blood  Slides 	β1-tubulin	7-10 days	\$196.61
Pyruvate Kinase Deficiency DNA Test[†] PYRUVATEDNA	<ul style="list-style-type: none"> ● LTT 1-2 mL EDTA whole blood or cheek swab  		1-4 weeks	\$139.37





NUTRITION

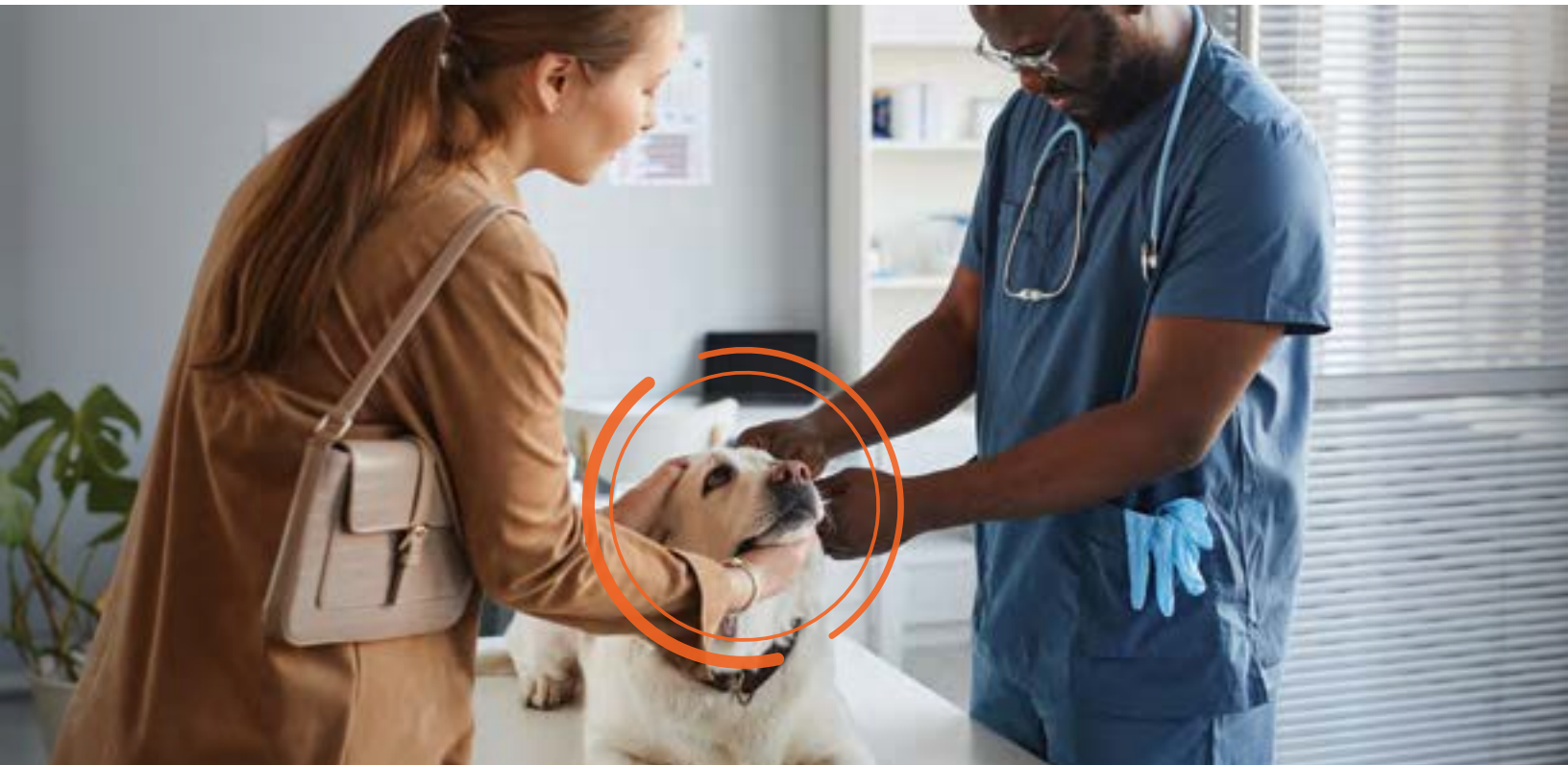
Test Name / Code	Sample Requirements	Components / Notes	TAT	Price
Selenium [†] SELENIUM	<ul style="list-style-type: none"> ● LTT, RTT 0.5 mL EDTA whole blood preferred; 0.5 mL serum or EDTA plasma also accepted ❄️ Serum/Plasma 📄 Whole Blood 		3-5 days	\$93.64
Trace Element Screen [†] TMINPAN	<ul style="list-style-type: none"> ● RBTT 1 mL Na EDTA plasma, separated ❄️ 	Ca, Cu, Fe (unbound), Mg, Na, K, Phos, Zn	5-7 days	\$82.39
Taurine (Plasma and Whole Blood) [†] TAUR	<ul style="list-style-type: none"> ● GRNTT 1 mL separated heparinized plasma AND 2 mL heparinized whole blood 📄 		10 days	\$182.64
Taurine:Whole Blood [†] TAURWB	<ul style="list-style-type: none"> ● GRNTT 2 mL heparinized whole blood 📄 		10 days	\$137.64
Taurine:Plasma [†] TAURPLAS	<ul style="list-style-type: none"> ● GRNTT 1 mL separated heparinized plasma 📄 		10 days	\$137.64
Thiamine (Vitamin B1) [†] THIAMINE	<ul style="list-style-type: none"> ● ● GRNTT, LTT 3 mL EDTA or heparinized whole blood ❄️💡 		5-7 days	\$114.17



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NUTRITION

Test Name / Code	Sample Requirements	Components / Notes	TAT	Price
Vitamin E [†] 2331	●●●● SST, RTT, LTT, GRNTT 1.5 mL serum or heparinized or EDTA plasma, separated 		3-5 days	\$93.64
Vitamin E and Mineral Panel [†] VITEMINE	●● LTT, RBTT 1 mL serum from RBTT AND 1 mL EDTA whole blood 	Vitamin E, Ca, Cu, Fe, Mg, Phos, Zn, Se	8-10 days	\$135.41
Carnitine [†] CARNITINE	●○ GRNTT, WTT 0.5 mL heparinized plasma (separated) OR 5 mL urine (frozen) 		15-21 days	\$183.64
Vitamin A [†] VITA	●●●● SST, RTT, LTT, GRNTT 1.5 mL serum or EDTA or heparinized plasma, separated 		3-5 days	\$93.64



05. Test Menu: Large Animal

Test menus, clinical chemistry panels, and bundles for easy ordering and additional savings

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Basic & Comprehensive CBC

Choose the CBC option that’s best for your patients.

At Zoetis Reference Laboratories, our CBCs are grounded in quality standard operating procedures developed by a team of board-certified clinical pathologists. Expert technicians review all results manually and run additional tests if needed.

	Basic Test code: 7000	Comprehensive Test code: 8000
	Recommended for wellness screens in non-geriatric, healthy patients	Recommended for sick or geriatric patients
WBC, HGB, RBC, HCT, MCV, MCHC, CHCM, RDW, 5-Part WBC Differential, Platelet Count, MPV, Plasma Protein, Fibrinogen, Plasma Protein:Fibrinogen Ratio	✓	✓
Perform if indicated based on automated results: Spun PCV, Manual WBC Differential, Visual Platelet Estimate, and/or Reticulocyte Count	✓	✓
Complete manual smear review by technician		✓
Perform if indicated based on automated results: complete pathologist review		✓

Test requirements: 2 mL EDTA whole blood, air-dried slides

Tests listed above are intended for horses and other domestic hoofstock, including: cattle, sheep, goats, pigs, camels, llamas, and alpacas.

BUNDLES AT A GLANCE

Large Animal Bundles

Bundles at a glance

Our bundles equip you with the information you need to provide the best medicine for your patients.

	Test Code	CBC	ClinChem	Endocrine	UA	Reflex UPC
Wellness	EQWP	Basic	ClinChem 24: Glu, Na, K, Na:K Ratio, Cl, BUN, Creat, BUN:Creat Ratio, Ca, Mg, TP, Alb, Glob, Alb:Glob Ratio, AST, GGT, TBili, CK, CO2, Anion Gap, Phos, GLDH, ALP, Chol			
Exercise	25000489		Exercise ClinChem: Glu, Na, K, Cl, BUN, Creat, BUN:Creat Ratio, AST, CK		✓	
Metabolic	25000494		Glu, BUN, Creat, BUN:Creat Ratio, TP, Chol, Trig	Endogenous ACTH, Insulin		
Renal I	25000497	Comp	Renal ClinChem: Glu, Na, K, Cl, BUN, Creat, BUN:Creat Ratio, Ca, Phos, CO2, Anion Gap, TP, Alb		✓	✓
Renal II	25000498		Renal ClinChem: Glu, Na, K, Cl, BUN, Creat, BUN:Creat Ratio, Ca, Phos, CO2, Anion Gap, TP, Alb		✓	✓














Comp = Comprehensive



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BUNDLES AT A GLANCE

Large Animal Bundles

Test Name / Code	Sample Requirements	Components / Notes	TAT	Price
Large Animal Wellness Bundle EQWP	 1 mL serum; 2 mL EDTA whole blood, air-dried slides  Blood  Slides	Basic CBC, Large Animal ClinChem 24	1-2 days	\$48.65
Large Animal Exercise Bundle 25000489	 SST, RTT, Urine 1 mL serum; 5 mL urine in WTT/sterile container 	Exercise ClinChem + UA	1-2 days	\$25.70
Large Animal Metabolic Bundle 25000494	 SST, RTT 2 mL serum 	Glu, BUN, Creat, BUN:Creat Ratio, TP, Chol, Trig, Endogenous ACTH, Insulin	1-3 days	\$90.68
Large Animal Pre-Anesthetic Bundle 25000495	 SST, RTT, LTT 1 mL serum; 2 mL EDTA whole blood 	Basic CBC + Pre-Anesthetic ClinChem	1-2 days	\$27.31
Large Animal Renal Bundle I 25000497	 SST, RTT, LTT, Urine 2 mL EDTA whole blood; 1 mL serum; 5 mL urine in WTT/sterile container 	Basic CBC + Renal ClinChem, UA, Reflex UPC	1-2 days	\$59.65
Large Animal Renal Bundle II 25000498	 SST, RTT, Urine 2 mL EDTA whole blood; 1 mL serum; 5 mL urine in WTT/sterile container 	Renal ClinChem, UA, Reflex UPC	1-2 days	\$32.60











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COMMON TESTS





Large Animal Tests

Hematology







Test Name / Code	Sample Requirements	Components / Notes	TAT	Price
Basic CBC, Large Animal (Healthy Animals) 7000	<ul style="list-style-type: none"> LTT 2 mL EDTA whole blood, air-dried slides 	RBC, HGB, HCT, MCV, MCHC, CHCM, RDW, WBC, WBC Differential, PLT, MPV, Plasma Protein, Fibrinogen, Plasma Protein:Fibrinogen Ratio. If results indicate, will include spun PCV, Manual Differential, and/or Reticulocyte Count.	1-2 days	\$25.04
Comprehensive CBC, Large Animal 8000	<ul style="list-style-type: none"> LTT 2 mL EDTA whole blood, air-dried slides 	CBC with blood smear review by technician. If results indicate, will include a PCV, Manual Differential, Reticulocyte Count, and/or Pathologist Review.	1-2 days. Pathologist Review may extend turnaround time to end of day	\$36.04
Pathologist Review PATH		Blood smear review by Pathologist. May be added on to Comprehensive CBC only.	1-2 days	\$75.00
Technician Blood Smear Review SMREV	<ul style="list-style-type: none"> LTT 2 unstained, air-dried slides; include 2 mL EDTA whole blood, if possible (for in-lab preparation of smears)  Blood  Slides	Morphologic review of RBC, WBC, and PLT, Manual WBC Differential, and visual PLT estimate. If indicated based on morphologic findings, a Pathologist Review will be included.	8 AM next day	\$16.64
Reticulocyte RETIC	<ul style="list-style-type: none"> LTT 1 mL EDTA whole blood 	% Reticulocyte, RBC, Reticulocyte	8 AM next day	\$17.33
Buffy Coat 6295	<ul style="list-style-type: none"> LTT 1 mL EDTA whole blood 		1-2 days	\$101.17
Iron Profile⁺ IRONPRO	<ul style="list-style-type: none"> RTT, GRNTT 0.5 mL serum or heparinized plasma 	Fe, TIBC, and Ferritin	7-10 days	\$133.64
PT & aPTT 4101	<ul style="list-style-type: none"> BTT 0.5 mL separated citrated plasma 		8 AM next day	\$23.81

COMMON TESTS

Hematology






Test Name / Code	Sample Requirements	Components / Notes	TAT	Price
Antithrombin (AT3) [†] ANTTHRO3	● BTT 1 mL separated citrated plasma (frozen) 		3-5 days	\$107.14
Protein C [†] PROC	● BTT 1 mL separated citrated plasma (frozen) 		2-3 days	\$111.14
Low Molecular Weight Heparin [†] LMWHEPARIN	● BTT 0.5 mL citrated plasma (frozen) 	Anti-Xa activity of LMWH	2-3 days	\$110.64
Erythropoietin (EPO) [†] 50227	○ SST or plasma separator tube 1-2 mL plasma or serum from SST or plasma separator tube (EDTA plasma not acceptable) 		5-7 days	\$173.13

ClinChem Panels





Test Name / Code	Sample Requirements	Components / Notes	TAT	Price
ClinChem 18, Large Animal CHEM18EQ	●● SST, RTT 0.5 mL serum 	Glu, Na, K, Na:K Ratio, Cl, BUN, Creat, BUN:Creat Ratio, Ca, Mg, TP, Alb, Alb:Glob Ratio, AST, GGT, TBili, CK	1-2 days	\$15.03
Large Animal ClinChem 24 CHEM24EQ	●● SST, RTT 1 mL serum 	ClinChem 18 + CO2, Anion Gap, Phos, GLDH, ALP, Chol	1-2 Days	\$20.81
Exercise ClinChem, Large Animal 25000509	●● SST, RTT 1 mL serum 	Glu, Na, K, Cl, BUN, Creat, BUN:Creat Ratio, AST, CK	1-2 days	\$10.17
Large Animal Liver ClinChem 25000511	●● SST, RTT 1 mL serum 	Glu, BUN, TP, Alb, Glob, Alb:Glob Ratio, AST, GLDH, GGT, TBili, Chol	1-2 days	\$10.17
Large Animal Renal ClinChem 25000485	●● SST, RTT 1 mL serum 	Glu, Na, K, Cl, BUN, Creat, BUN:Creat Ratio, Ca, Phos, CO2, Anion Gap, TP, Alb	1-2 days	\$11.72
Large Animal Pre-Anesthetic ClinChem 25000486	●● SST, RTT 1 mL serum 	Glu, Na, K, Creat, Ca, TP, GLDH, TBili	1-2 days	\$10.17

COMMON TESTS

Fecal/Parasitology










Test Name / Code	Sample Requirements	Components / Notes	TAT	Price
Ova and Parasite (Centrifugal Fecal Flotation) Test 2320A	● Feces 3-5g fresh feces 		Next day by 5 PM (1-2 days for equine samples)	\$15.00
McMaster (Fecal Egg Counting) Test 2328	● Feces 5 gm fresh feces 	Quantitative analysis	1-2 days	\$23.81
Centrifugal Fecal Flotation Test (O&P) & McMaster (Fecal Egg Counting) Test 25000487	● Feces 8-10 gm fresh feces 		1-2 days	\$23.81
Baermann Test (Lungworm) BAER	● Feces 10 gm fresh feces 		3-5 days	\$49.97
Fecal Occult Blood 7255	● Feces 1-3 gm fresh feces 		1-2 days	\$35.68

Endocrinology

Test Name / Code	Sample Requirements	Components / Notes	TAT	Price
Cortisol (Baseline/Resting) 5101	● ● SST, RTT 0.5 mL serum 		8 AM next day (1-2 days for feline/ equine samples)	\$15.03
Cortisol AM/PM, Equine AMPMEC	● ● SST, RTT 2 mL serum (2 samples required) 		1-2 days	\$28.57
Progesterone 5105	● RTT 0.5 mL serum 		8 AM next day	\$41.68
Total T4 5102	● ● SST, RTT 0.5 mL serum 		8 AM next day	\$15.84









COMMON TESTS

Endocrinology

Test Name / Code	Sample Requirements	Components / Notes	TAT	Price
Free T4 5103	●● SST, RTT 0.5 mL serum 		8 AM next day	\$15.84
Free T4 by ED ⁺ 6330	●● SST, RTT 0.5 mL serum 		5-7 days	\$112.64
Total T3 (TT3), Equine TT3	●● SST, RTT 1 mL serum 		1-2 days	\$35.68
Thyroid Panel EQTHYROID	●● SST, RTT 1.5 mL serum 	TT4, TT3, free T4	1-2 days	\$42.85
Endogenous ACTH ENDOACTH	● LTT 1 mL EDTA plasma; separated within 4 hours and shipped frozen 		1-3 days	\$48.85
Equine Metabolic Panel (ACTH, Insulin, Glucose) EQCUSHING	●●●● SST, RTT, LTT, GRYTT 1 mL EDTA plasma (separated within 4 hrs and frozen) AND 1 mL serum (separated within 1 hr)  Plasma  Serum	Endogenous ACTH, Insulin, Glu If unable to separate serum within 1 hr: 1 mL EDTA plasma (separated within 4 hrs and frozen), 1 mL serum, AND 2 mL GRYTT whole blood	1-3 days	\$85.71
Metabolic Syndrome Panel I, Equine ⁺ CUSHING	●● LTT AND RTT 1 mL separated EDTA plasma, frozen, AND 1 mL separated serum 	Endogenous ACTH, Insulin, Glu, T4	1-3 days	\$178.64
TRH Stimulation Test for Equine Cushing's/PPID 2222	● LTT 1 mL EDTA plasma for each sample 	Baseline and post-TRH ACTH	1-4 days	\$95.23









COMMON TESTS

Endocrinology

Test Name / Code	Sample Requirements	Components / Notes	TAT	Price
Insulin-like Growth Factor [†] ILGROFAC	●●● SST, RTT, LTT 0.5 mL serum or EDTA plasma 		5-10 days	\$130.64
Vitamin D (25-hydroxyvitamin D3) [†] VITD	●●● RTT, LTT, GRNTT 0.5 mL serum or EDTA or heparinized plasma, separated 		4-10 days	\$113.64
GCT Panel II, Equine [†] EQGCTPII	●● SST, RTT 3 mL serum 	Anti-Müllerian Hormone, Inhibin, Testosterone	5-7 days	\$202.34
Anti-Müllerian Hormone, Equine [†] ANTIMULL	●● SST, RTT 1 mL serum 		3-14 days	\$122.64
Pregnancy Panel, Equine [†] 1387	●● SST, RTT 3 mL serum (separated) 	Estrone Sulfate, Pregnant Mare Serum Gonadotropin, Progesterone	3-10 days	\$135.94
Pregnant Mare Serum Gonadotropin (PMSG) [†] 1388	●● SST, RTT 0.5 mL serum 		3-10 days	\$97.64
Cryptorchid Panel, Equine [†] EQCRYPTO	●● RTT, LTT 2 mL serum or EDTA plasma	Testosterone, Estrone Sulfate	7-10 days	\$115.64
Gastrin [†] GASTRIN	● RTT 0.5 mL serum 		3-12 days	\$105.64
Reproductive Hormone Panel [†] RHP	●● LTT, RTT (no SST) 2 mL serum or plasma (no SST)	Estrogen, Progesterone, Testosterone	5-10 days	\$143.65
Aldosterone Baseline [†] ALDOS	●●● SST, RTT, LTT 0.5 mL EDTA plasma (preferred); 0.5 mL serum also accepted. Do not send whole blood. 		7-10 days	\$93.64


COMMON TESTS

Endocrinology



Test Name / Code	Sample Requirements	Components / Notes	TAT	Price
Insulin:Glucose Ratio, Equine EQINSGLU	● ● RTT, GRNTT 1 mL serum 		1-4 days	\$38.09
Estrogens, Total [†] EQEST	● ● LTT, RTT (no SST) 2 mL serum or plasma		3-5 days	\$87.64
Testosterone, Baseline [†] TESTOS	● ● RTT, LTT 1 mL serum or EDTA plasma 		2-9 days	\$90.64
Oral Sugar Test (Insulin Testing), Equine [†] EQGLUCOSE	● ● RTT, LTT 0.25 mL serum or EDTA plasma for each sample 		3-5 days	\$88.64
Insulin, Equine 5104	● RTT 0.5 mL serum 		1-4 days	\$34.67
Testosterone Post-HCG/GnRH [†] TESTPOST	● ● RTT, LTT 1 mL serum or EDTA plasma 		3-8 days	\$83.64
Metanephrines, Plasma-free [†] METAPLAS	● ● LTT, GRNTT 1-2 mL EDTA or heparinized plasma, frozen 		5-7 days	\$202.60
Metanephrines, Urine Fractionated [†] METAUR	○ ● WTT, Urine 2.5-4 mL urine		5-7 days	\$108.28
Parathyroid Hormone-Related Protein (PTHrP) [†] PTHRP	● LTT 0.5 mL separated EDTA plasma (frozen). Do not send whole blood. 		5-7 days	\$118.64
Vitamin D Profile [†] VITP	● ● RTT, GRNTT 1.5 mL serum or heparinized plasma, separated 	PTH, Free (Ionized) Calcium, and 25-hydroxyvitamin D	3-9 days	\$131.34

COMMON TESTS

GI/Pancreatic Testing

Test Name / Code	Sample Requirements	Components / Notes	TAT	Price
Amylase (Mich. State Univ.) [†] 1004	<input checked="" type="radio"/> SST 0.5 mL serum 		2-3 days	\$82.54

Microbiology









Test Name / Code	Sample Requirements	Components / Notes	TAT	Price
Equine Uterine Culture 7154	Culture swab	Bacterial culture and identification; Sensitivity performed when appropriate; varies by host species, source, and organism	2-5 days	\$59.49
Aerobic Culture 7156	<input type="radio"/> WTT/sterile tube Culture swab or fluid/tissue in WTT or sterile tube	Bacterial culture and identification; Sensitivity performed when appropriate; varies by host species, source, and organism	2-5 days	\$65.00
Anaerobic Culture 7157	<input type="radio"/> WTT/sterile tube Culture swab or fluid/tissue in WTT, anaerobic transport medium, or sterile tube	Anaerobic bacterial culture and identification	2-7 days	\$35.68
Aerobic and Anaerobic Culture 7135	<input type="radio"/> WTT/sterile tube Culture swab or fluid/tissue in WTT, anaerobic transport medium, or sterile tube	Bacterial culture and identification; Sensitivity varies by host species, site, and organism	2-7 days	\$100.00
<i>Mycoplasma</i> Culture [†] MYCOPLASCU	Swab/wash (Amies with charcoal) or tissue in a sterile, leakproof container 		Up to 21 days	\$87.64
Urine Culture and Sensitivity 7140	<input checked="" type="radio"/> <input type="radio"/> WTT/sterile tube, Urine 1 mL urine in WTT or sterile container 	Bacterial culture and identification; Sensitivity performed when appropriate; varies by host species, source, and organism	1-5 days	\$65.00
Hold Urine Culture for 48 hours 25000534		Bacterial culture will be held for an additional 24 hours (48 hours total). This test is intended for use in working up complicated/chronic urinary tract infections and must be ordered at the time the urine culture is initially requested.	2 days	\$0.01
Reflex Aerobic Culture (Contingent) 25000536	<input type="radio"/> WTT/sterile tube Culture swab, fluid in WTT or sterile tube, or fresh tissue in WTT or sterile tube	An aerobic bacterial culture will be automatically added, if indicated (bacteria seen); can be applied to urinalysis or cytology samples	2-5 days	\$56.07

COMMON TESTS

Microbiology

Test Name / Code	Sample Requirements	Components / Notes	TAT	Price
Blood Culture 7150	Two aerobic blood culture bottles should be submitted (available upon request). Blood should be drawn from two sites (eg, left jugular, right saphenous)	Bacterial culture and identification; Sensitivity performed when appropriate; varies by host species, source, and organism	2-5 days	\$130.91
Dermatophyte Culture 7160	○ WTT/sterile tube Hair or nail clippings in WTT, skin scrapings in WTT, culture swab or fluid/tissue in WTT or sterile tube	Dermatophyte fungal culture and identification	12 days for final report	\$65.48
Fecal Culture 7155	● Feces 5 gm fresh feces, submitted in a fecal container	Bacterial culture and identification; Sensitivity performed when appropriate; varies by host species, source, and organism	2-7 days	\$65.48
Fungal Culture 7145	○ WTT/sterile tube Culture swab or fluid/tissue in WTT or sterile tube	Fungal culture and identification	Up to 26 days for final report	\$65.48
Mycobacterium Culture [†] MYCO	Intestine, lymph node, rectal, or skin biopsy in sterile, leakproof container		60 days	\$97.64
Acid-Fast Stain, Non-Avian/Reptile ACIDFAST	○ WTT/sterile tube Culture swab or fluid/tissue in WTT or sterile tube	For detection of acid-fast positive bacilli	1-4 days	\$40.45
Fungal Susceptibility 1 Drug [†] FUNGALSUS1		Add-on susceptibility to fungal plate grown at Zoetis Reference Laboratories.	1-2 weeks	\$127.92
Fungal Susceptibility 2 Drugs [†] FUNGALSUS2		Add-on susceptibility to fungal plate grown at Zoetis Reference Laboratories.	1-2 weeks	\$202.34
Fungal Susceptibility 3 Drugs [†] FUNGALSUS3		Add-on susceptibility to fungal plate grown at Zoetis Reference Laboratories.	1-2 weeks	\$276.76
Ureaplasma Culture [†] UREAPLASMACX	2 mL aseptically collected urine OR an aseptically collected swab of one of the following: 1) Uterine, cervical, or vaginal mucus; 2) Semen; 3) Tracheal wash or lung tissue 		7-10 days	\$98.64

COMMON TESTS










Serology/Infectious Disease				
Test Name / Code	Sample Requirements	Components / Notes	TAT	Price
Coggins AGID, Paper Submission COGAGID	●● SST, RTT 1 mL serum 		2-5 days	\$29.75
Coggins ELISA, Paper Submission COGELISA	●● SST, RTT 1 mL serum 		1-4 days	\$29.75
Coggins AGID, Electronic Submission E1560	●● SST, RTT 1 mL serum 		2-5 days	\$17.87
Coggins ELISA, Electronic Submission E1561	●● SST, RTT 1 mL serum 		1-4 days	\$17.87
<i>Aspergillus</i> Titer AGID [†] ASP	● SST 1 mL serum 	IgG	3-5 days	\$104.64
<i>Blastomyces</i> Quantitative Antigen EIA [†] BLASTANT	●●●● SST, LTT, GRNTT, BTT 1.2 mL serum or plasma, separated; or 0.8 mL CSF; or 0.5 mL urine or BAL fluid 		2-5 days	\$135.64
<i>Coccidioides</i> Titer AGID [†] 6129	● SST 1 mL serum 	IgG, IgM	3-5 days	\$100.64
Equine Viral Arteritis [†] EVA	●● SST, RTT 1 mL serum 		5-9 days	\$133.36



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COMMON TESTS

Serology/Infectious Disease

Test Name / Code	Sample Requirements	Components / Notes	TAT	Price
Leptospira MAT, 5 Serovar[†] 6164	● RTT 0.5 mL serum 	Detection of antibodies to <i>Leptospira interrogans</i> serovars <i>pomona</i> , <i>hardjo</i> , <i>icterohemorrhagiae/copenhageni</i> , <i>grippityphosa</i> , and <i>canicola</i>	Up to 10 days	\$102.40
Leptospira MAT, 5 Serovar & PCR[†] 6163	● ● RTT, LTT 0.5 mL serum in RTT for MAT; For PCR: 1) 5 mL urine; 2) 1 mL EDTA whole blood; 3) Urine and EDTA whole blood; 4) 1 gm tissue (eg, kidney and/or liver); 5) 1 mL ocular fluids; or 6) Bacterial culture 	MAT includes detection of antibodies to <i>Leptospira interrogans</i> serovars <i>pomona</i> , <i>hardjo</i> , <i>icterohemorrhagiae/copenhageni</i> , <i>grippityphosa</i> , and <i>canicola</i>	Up to 10 days	\$137.76
Sarcocystis neurona by Western Blot[†] SNEURONA	● ● SST, RTT 1 mL serum 		5-7 days	\$148.64
Aspergillus Galactomannan Antigen EIA[†] ASPGUR	● RTT 0.8 mL serum (separated), CSF, urine, or BAL fluid 		2-5 days	\$143.65
Cryptococcus Antigen Titer by Latex Agglutination 7216	● ● SST, RTT 0.5 mL serum or CSF 		1-2 days	\$89.29
Equine Protozoal Myelitis IFA Titers (SarcoFluor[™] & NeoFluor[™])[†] EPMIFAT	● RTT 2 mL separated serum OR 2 mL CSF  Serum/Plasma  CSF	SarcoFluor detects <i>Sarcocystis neurona</i> antibodies; NeoFluor detects <i>Neospora hughesi</i> antibodies.	7-12 days	\$195.64
Histoplasma Quantitative Antigen EIA[†] HISTOANT	● ● ● ● SST, RTT, LTT, GRNTT, BTT 1.2 mL serum or plasma, separated; or 0.8 mL CSF; or 0.5 mL urine or BAL fluid 		2-5 days	\$135.64
Lyme Multiplex Test, Equine[†] LYMEMPLXEQ	● RTT 2 mL serum; 1 mL CSF 		5-7 days	\$115.64





COMMON TESTS

Serology/Infectious Disease

Test Name / Code	Sample Requirements	Components / Notes	TAT	Price
Pythium Serology [†] OOPYTHIUM	● RTT 0.5 mL serum 		3-5 days	\$137.64
Streptococcus equi ELISA [†] STREPEQUI	● RTT 1 mL serum 		5-7 days	\$138.64
Equine Protozoal Myelitis IFA Titer (SarcoFluor™) [†] SARCOIFAT	● RTT 2 mL separated serum OR 2 mL CSF  Serum/Plasma  CSF	SarcoFluor detects <i>Sarcocystis neurona</i> antibodies.	7-12 days	\$137.64
West Nile Virus IgM ELISA [†] WESTNILE	●● SST, RTT 2 mL serum 		3-5 days	\$80.64
Caseous Lymphadenitis (Corynebacterium pseudotuberculosis) Titer [†] CALYMTR	●● SST, RTT 2 mL serum 		3-5 days	\$78.64
Equine Influenza (HAI) [†] EQINFLUENZA	● RTT 2 mL serum 		7-10 days	\$86.64
Equine Protozoal Myelitis IFA Titer (NeoFluor™) [†] NEOIFAT	● RTT 2 mL separated serum OR 2 mL CSF 	NeoFluor detects <i>Neospora hughesi</i> antibodies.	7-12 days	\$137.64
Potomac Horse Fever (Neorickettsia risticii) IFA [†] POTOMAC	○ SST 1 mL serum 	IgG	5-7 days	\$107.64
Rhodococcus equi ELISA [†] RHODOCOCCUS	●● SST, RTT 1 mL serum 		3-5 days	\$76.64

COMMON TESTS

Urine Testing

Test Name / Code	Sample Requirements	Components / Notes	TAT	Price
Urinalysis 3000	○ ● WTT, Urine 5 mL urine in a sterile container 		8 AM next day	\$15.84
Urine Protein:Creatinine Ratio 1555	○ ● WTT, Urine 1 mL urine in sterile container 		8 AM next day	\$15.84
Urinalysis with Reflex UPC 25000521	○ ● WTT, Urine 5 mL urine in sterile container 	An automatic Urine Protein:Creatinine Ratio will be performed when proteinuria is present.	8 AM next day	\$20.22
Urine Electrolyte Panel (for Fractional Excretion)* FREXCRE	○ ● WTT, Urine 2 mL urine in a no-additive tube or leakproof plastic container 	Cl, Creat, K, Na	3-5 days	\$110.64



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COMMON TESTS

Chemistry

Test Name / Code	Sample Requirements	Components / Notes	TAT	Price
Free (Ionized) Calcium IONISTAT	● GRNTT Lithium heparinized whole blood. Ensure that the sample is treated anaerobically and that the correct ratio of heparin anticoagulant to blood is achieved (do not underfill GRNTT).		1-2 days	\$47.62
Free (Ionized) Calcium (Mich. State Univ.) [†] 6304	● RTT 0.5 mL serum, separated Ensure that the sample is treated anaerobically.		3-6 days	\$74.64
LDH [†] LDH	● ● RTT, GRNTT 0.5 mL separated serum or heparinized plasma (fluid and urine also accepted)		3-5 days	\$81.64
Osmolality [†] OSMOLAL	● ● RTT, GRNTT 1 mL separated heparinized or EDTA plasma		2-3 days	\$89.64
Serum Amyloid A (SAA), Equine [†] SAA	● RTT 5 mL serum		2-3 days	\$109.64
Albumin 1001	● ● SST, RTT 0.5 mL serum		1-2 days	\$6.64
High-Sensitivity Cardiac Troponin I [†] TROPONIN	● ● SST, RTT 0.5 mL non-hemolyzed serum (frozen)		4-5 days	\$127.64
ALP (Alk Phos) 1003	● ● SST, RTT 0.5 mL serum		1-2 days	\$7.00
AST 1005	● ● SST, RTT 0.5 mL serum		1-2 days	\$7.00

COMMON TESTS

Chemistry


Test Name / Code	Sample Requirements	Components / Notes	TAT	Price
BUN 1006	● ● SST, RTT 0.5 mL serum 		1-2 days	\$7.00
Chloride 1007	● ● SST, RTT 0.5 mL serum 		1-2 days	\$7.00
Calcium (Total Calcium) 1008	● ● SST, RTT 0.5 mL serum 		1-2 days	\$7.00
Cholesterol 1009	● ● SST, RTT 0.5 mL serum 		1-2 days	\$7.00
Creatinine 1010	● ● SST, RTT 0.5 mL serum 		1-2 days	\$7.00
Creatinine Kinase (CK) 1011	● ● SST, RTT 0.5 mL serum  		1-2 days	\$6.64
GLDH 1040	● ● SST, RTT 0.5 mL serum 		1-2 days	\$7.00
GGT 1013	● ● SST, RTT 0.5 mL serum 		1-2 days	\$7.00
Glucose 1014	● ● SST, RTT 0.5 mL serum 		1-2 days	\$7.00
Magnesium 1016	● ● SST, RTT 0.5 mL serum 		1-2 days	\$7.00

COMMON TESTS

Chemistry





Test Name / Code	Sample Requirements	Components / Notes	TAT	Price
Phosphorus 1017	●● SST, RTT 0.5 mL serum 		1-2 days	\$7.00
Potassium 1018	●● SST, RTT 0.5 mL serum 		1-2 days	\$7.00
Sodium 1019	●● SST, RTT 0.5 mL serum 		1-2 days	\$7.00
CO2 1020	●● SST, RTT 0.5 mL serum 		1-2 days	\$7.00
Total Bilirubin 1021	●● SST, RTT 0.5 mL serum 		1-2 days	\$7.00
Total Protein 1022	●● SST, RTT 0.5 mL serum 		1-2 days	\$7.00
Lipid Profile [†] LIPIDPROF	●●● SST, RTT, GRNTT 1 mL serum OR 1 mL heparinized plasma	Chol, Trig, Chol HDL, Chol LDL, Non-HDL Chol, HDL:Chol Ratio	2-4 days	\$117.19
Triglycerides 1023	●● SST, RTT 0.5 mL serum 		1-2 days	\$8.35

Clinical Immunology





Test Name / Code	Sample Requirements	Components / Notes	TAT	Price
Complete Amino Acid Profile [†] COMPAA	● GRNTT 1 mL separated heparinized plasma 		7-9 days	\$220.31
Allergy Panel, Equine [†] 6307	●● SST, RTT 3 mL serum		10-14 days	\$337.64

COMMON TESTS

Clinical Immunology






Test Name / Code	Sample Requirements	Components / Notes	TAT	Price
Protein Electrophoresis 6345	●● SST, RTT, sterile leakproof container 0.5 mL serum, >10 mL urine 		3-6 days	\$65.48
IgM, Equine 25000540	●● SST, RTT 2 mL serum 		1-3 days. Preliminary reported at 4 hours after setup. Final results at 24 hours after setup.	\$36.97
IgG, Equine FOALIGG	●● SST, RTT 2 mL serum 		1-3 days. Preliminary reported at 4 hours after setup. Final results at 24 hours after setup.	\$36.97
IgG, Equine: Rapid, Semi-Quantitative FOALIGGRAP	●●● SST, RTT, LTT 1 mL fresh whole blood or serum 		1-2 days	\$36.97

Clinical Pharmacology/Toxicology

Test Name / Code	Sample Requirements	Components / Notes	TAT	Price
Drug Screen, Firocoxib† DGSCRFIRO	●●● SST, RTT, LTT 10 mL serum or EDTA plasma 		2-4 days	\$332.64
Drug Screen with Tranquilizers, NSAIDs† DSNSAIDTQ	●●● SST, RTT, LTT 10 mL serum or EDTA plasma 	Multiple drugs tested, updated periodically. Call Customer Service at 1-888-965-9652 for more information.	7-10 days	\$202.64
Quantitative Copper (Blood or Tissue)† 6171	●●● RTT, LTT, GRNTT 2 mL serum or whole blood (EDTA or heparin) or 50 mg wet tissue (fresh, frozen, fixed, or embedded in a paraffin block)		7-10 days	\$131.88
Selenium and Trace Elements Screen† SELETREL	●●●● LTT, RBTT, GRNTT, RTT, SST 2 mL whole blood (RBTT, LTT, GRNTT) AND 2 mL serum (RTT, SST)  Whole blood  Serum/Plasma	Se, Ca, Cu, Fe, Mg, Phos, Zn. Na can be done on request.	7-10 days	\$125.99

COMMON TESTS

Clinical Pharmacology/Toxicology

Test Name / Code	Sample Requirements	Components / Notes	TAT	Price
Zinc, Serum/Plasma [†] ZINC	●● RBTT, RTT 2 mL Na EDTA plasma or separated serum (no SST) 		3-5 days	\$101.64
Anticoagulant (Rodenticide) [†] ANTICOAG	● LTT 3 mL EDTA whole blood 	Includes brodifacoum, bromadiolone, chlorphacinone, difenacoum, difethialone, diphacinone, and warfarin	6-12 days	\$184.95
Drug Screen, NSAIDs, Equine [†] DSNSAIDS	●●● SST, RTT, LTT 10 mL serum or EDTA plasma 	Multiple drugs tested, updated periodically. Call Customer Service at 1-888-965-9652 for more information.	2-4 days	\$132.64
Drugs of Abuse [†] DOA	●● SST, RTT 10 mL serum or urine (10 gm liver or kidney also accepted)	Amphetamine, cocaine, benzoylecgonine, norcocaine, ephedrine, lysergic acid diethylamide, (LSD), methamphetamine, MDMA, nicotine, phentermine, psilocin, delta-9-THC, THC-OH, THC-COOH, methadone, morphine, HU-210, JWH-018	10-14 days	\$273.39
LC/Mass Spectrometry Toxicology Screen [†] LCMS	20 mL fluid; 50 gm tissue; 50 gm feed; OR 50 gm source material 	Toxicology screen for unknown exposure	3-9 days	\$232.08
Blood Lead [†] 6240	●● LTT, GRNTT 0.5 mL EDTA or heparinized whole blood		5-7 days	\$106.64
Gabapentin [†] GAB	●● LTT, RTT (no SST) 0.5 mL EDTA plasma or serum (no SST)		3-5 days	\$133.64
Toxic Heavy Metal Panel [†] 1395	●●● LTT, GRNTT, BTT 5 mL EDTA, heparinized, or citrate whole blood; 3 gm tissue (liver or kidney) 	Quantitative analysis of arsenic, cadmium, lead, thallium, mercury, selenium	6-12 days	\$204.64

PATHOLOGY

Histopathology





Test Name / Code	Sample Requirements	Components / Notes	TAT	Price
Histopathology Simple, Single Site ZN100	Formalin-fixed tissue	<ul style="list-style-type: none"> - Single site - No more than 10 cm in any dimension - Not for dermatologic disease or with other criteria of Complex Level 1 or 2 	3-7 days	\$85.00
Histopathology Simple, Multiple Sites (Up to 5 Sites) ZN101	Formalin-fixed tissue	<ul style="list-style-type: none"> - Simple samples from up to 5 unique sites - No more than 10 cm in any dimension 	3-7 days	\$125.00
Histopathology Complex, Level 1 ZN102	Fresh or formalin-fixed tissue	<ul style="list-style-type: none"> - Skin biopsies for dermatologic disease (without dermatologist consult) - Multiple gastrointestinal biopsies - Bone marrow - Whole organs/major components of organs: eye, spleen, testicles, uterus/ovaries, mammary chains (2 or more connected glands), amputated digit/nail or tail, liver lobe, or lung lobe - Large samples (>10cm in any dimension) - Individual teeth or other small samples containing bone - Simple samples from 6-15 unique sites - Formalin-fixed whole bodies <300 g 	3-9 days	\$157.24
Histopathology Complex, Level 2 ZN103	Fresh or formalin-fixed tissue	<ul style="list-style-type: none"> - Mandible, maxilla (all jaws, regardless of size) - Amputated limb - Other large/atypical samples containing bone - Multiple Complex Level 1 samples - Simple samples from >15 sites. 	Varies by nature of sample	\$199.93

PATHOLOGY

Specialty Histopathology Tests

Test Name / Code	Sample Requirements	Components / Notes	TAT	Price
Dermatopathology Panel (includes Histopathology & Dermatologist Consult) ZN400	Tissue, detailed history, and images are required. Skin punch biopsies or other similarly sized skin sample(s). Addendum provided with dermatologist case management guidance. Clinical images can be sent to referencelabpathology@zoetis.com	Consult provided after dermatopathology.	Dermatopathology: 3-7 days. Consult provided after dermatopathology.	\$172.59
Nephropathology (Renal) Panel ZN25000541	H&E, PAS, trichrome, Jones methenamine silver stains and Congo red staining, if indicated.		3-7 days	\$248.45

Cytopathology

Test Name / Code	Sample Requirements	Components / Notes	TAT	Price
Cytopathology Simple/ Single Site 7120	<ul style="list-style-type: none"> LTT Unstained, air-dried slides; fluid from a mass in LTT  Slides  Liquid 	For the following sample types: <ul style="list-style-type: none"> • Single lesion/tissue (FNA, swab, impression smear) • Single or multiple lymph nodes • Single joint (slides only) • Fluid from mass lesion (cytology only) 	1-2 days	\$90.00
Cytopathology Complex 7201	<ul style="list-style-type: none"> LTT Unstained, air-dried slides and/or fluid in LTT  Slides  Liquid 	For the following sample types: <ul style="list-style-type: none"> • Multiple lesions/tissues (FNA, swab, impression smear) • Joint fluid in LTT (single or multiple) • Multiple joints (slides only) • Cavitory effusion (single or multiple) • CSF • Bone marrow • BAL/TTW • Other fluids/lavage 	1-2 days	\$121.98

NUTRITION

Test Name / Code	Sample Requirements	Components / Notes	TAT	Price
Selenium [†] SELENIUM	<ul style="list-style-type: none"> ●● LTT, RTT (no SST) 0.5 mL EDTA whole blood preferred; 0.5 mL serum or EDTA plasma also accepted ❄️ Serum/Plasma 📄 Whole blood 		3-5 days	\$93.64
Trace Element Screen [†] TMINPAN	<ul style="list-style-type: none"> ● RBTT 1 mL Na EDTA plasma, separated ❄️ 	Ca, Cu, Fe (unbound), Mg, Na, K, Phos, Zn	5-7 days	\$82.39
Thiamine (Vitamin B1) [†] THIAMINE	<ul style="list-style-type: none"> ●● GRNTT, LTT 3 mL EDTA or heparinized whole blood ❄️💡 		5-7 days	\$114.17
Vitamin E [†] 2331	<ul style="list-style-type: none"> ●●●● SST, RTT, LTT, GRNTT 1.5 mL serum or heparinized or EDTA plasma, separated ❄️💡 		3-5 days	\$93.64
Vitamin E and Mineral Panel [†] VITEMINE	<ul style="list-style-type: none"> ●● LTT, RBTT 1 mL serum from RBTT AND 1 mL EDTA whole blood ❄️💡 	Vit E, Ca, Cu, Fe, Mg, Phos, Zn, Se	8-10 days	\$135.41
Vitamin A [†] VITA	<ul style="list-style-type: none"> ●●●● SST, RTT, LTT, GRNTT 1.5 mL serum or EDTA or heparinized plasma, separated ❄️💡 		3-5 days	\$93.64










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ADD-ON TESTS

ZoetisDx makes it easy to place Add-On Orders for samples already submitted digitally to the lab (i.e., via PIMS or ZoetisDx).

If you ordered tests on paper requisition forms, call customer service at 1-888-965-9652.

Test Name / Code	Sample Requirements	Components / Notes	TAT	Price
Anaerobic ID Add-on A7157	○ WTT/sterile tube Culture swab or fluid/ tissue in WTT, anaerobic transport medium, or sterile tube.		2-7 days	\$28.54
Cortisol Add-on A5101	● RTT 0.5 mL serum 		8 AM next day (1-2 days for feline/ equine samples)	\$12.02
Free (Ionized) Calcium (Mich. State Univ.) Add-on† A6304	● RTT 0.5 mL serum, separated Ensure that the sample is treated anaerobically. 		3-6 days	\$59.71
Free T4 Add-on A5103	●● SST, RTT 0.5 mL serum 		8 AM next day	\$12.67
Reticulocyte Count Add-on 25000525	● LTT 0.5 mL EDTA whole blood 		8 AM next day	\$11.88
Total T4 Add-on A5102	●● SST, RTT 0.5 mL serum 		8 AM next day	\$12.67
Triglycerides Add-on A1023	●● SST, RTT 0.5 mL serum 		8 AM next day	\$6.68
Urine Protein:Creatinine Ratio Add-on A1555	○● WTT, Urine 1 mL urine in sterile container 		8 AM next day	\$12.67



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06. Test Menu: PCR

Comprehensive PCR test menu provided by the University of Georgia College of Veterinary Medicine. Includes a diverse and high-quality molecular diagnostics menu to serve the needs of veterinarians.


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PCR

Test Name / Code	Sample Requirements	Components / Notes	TAT	Price
Adult Canine Diarrhea PCR Panel [†] 25000243	●● RTT, Feces, Culture swab feces, fecal swab or GI tissue. Minimum 1 g feces in a clean leakproof container. If submitting fecal swab, please submit two.		5-7 days	\$163.71
Adult Equine Diarrhea PCR Panel [†] 25001469	●● RTT, Feces Feces or GI tissue. Minimum 2 g feces in a clean leakproof container	<i>Salmonella</i> spp, <i>Clostridium difficile</i> enterotoxin A, <i>Clostridium difficile</i> cytotoxin B, <i>Clostridium perfringens</i> type A, <i>Clostridium perfringens</i> type C, Equine coronavirus.	5-7 days	\$157.83
<i>Anaplasma/Ehrlichia</i> PCR [†] 25001470	● LTT EDTA whole blood (minimum 0.5 mL)	All species of <i>Anaplasma</i> and <i>Ehrlichia</i>	3-5 days	\$94.16
Anemia PCR Panel, Canine [†] 25001471	● LTT EDTA whole blood (minimum 0.5 mL)	<i>Anaplasma/Ehrlichia</i> combo, <i>Babesia</i> spp, <i>Hepatozoon</i> spp, <i>Leptospira</i> spp, <i>Rickettsia</i> spp	3-5 days	\$133.75
Anemia PCR Panel, Feline [†] 25001472	● LTT EDTA whole blood (minimum 0.5 mL)	<i>Anaplasma</i> , <i>Bartonella</i> , <i>Cytauxzoon felis</i> , <i>Ehrlichia</i> , feline hemotropic <i>Mycoplasma</i> , FeLV, FIV	3-5 days	\$149.80
<i>Babesia</i> spp (genus) PCR [†] 25001473	● LTT EDTA whole blood (minimum 0.5 mL)		3-5 days	\$94.16
<i>Bartonella</i> spp (genus) PCR [†] 25001474	●● RTT, LTT EDTA whole blood (minimum 0.5 mL), synovial fluid (minimum 0.25 mL)		3-5 days	\$94.16
Blood Bank Disease PCR Panel, Canine [†] 25001475	● LTT EDTA whole blood (minimum 0.5 mL)	<i>Anaplasma/Ehrlichia</i> combo, <i>Babesia</i> spp, <i>Hepatozoon</i> spp, <i>Rickettsia</i> spp, <i>Bartonella</i> spp, <i>Leishmania</i> spp, <i>Borrelia burgdorferi</i>	7-12 days	\$171.20
<i>Bordetella bronchiseptica</i> PCR [†] 25001476	● RTT Nasopharyngeal swab, transtracheal wash, bronchoalveolar lavage, respiratory tissue		3-5 days	\$94.16
<i>Borrelia burgdorferi</i> (Lyme) PCR [†] 25001477	●● RTT, LTT EDTA whole blood (minimum 0.5 mL), synovial fluid (minimum 0.25 mL)		3-5 days	\$94.16

PCR

Test Name / Code	Sample Requirements	Components / Notes	TAT	Price
<i>Brucella</i> spp (genus) PCR [†] 25001478	●● RTT, LTT, YTT Fresh affected tissue, body fluids, swabs, EDTA whole blood (0.5 mL minimum), urine		3-5 days	\$94.16
<i>Campylobacteri coli</i> PCR [†] 25001480	●● RTT, Feces, Culture swab Feces, fecal swab, GI tissue. Minimum 1 g feces in a clean leakproof container.		3-5 days	\$94.16
<i>Campylobacteri jejuni</i> PCR [†] 25001479	●● RTT, Feces, Culture swab Feces, fecal swab, GI tissue. Minimum 1 g feces in a clean leakproof container.		3-5 days	\$94.16
Canine Adenovirus PCR [†] 25001481	● RTT, Culture swab Nasopharyngeal or conjunctival swab, transtracheal wash, feces, fresh affected tissue		3-5 days	\$94.16
Canine Diarrhea PCR [†] with O&P, <i>Giardia</i> 25001623	O&P: 3g fresh feces <i>Giardia</i> : 5g fresh feces Diarrhea Panel: Feces, fecal swab or GI tissue. Minimum 1 g feces in a clean leakproof container. If submitting fecal swab, please submit two. 		O&P & <i>Giardia</i> : Next day by 5 PM Diarrhea Panel: 5-7 days	\$100.85
Canine Distemper Virus (CDV) PCR [†] 25001482	●● RTT, LTT, Culture swab EDTA whole blood (preferred), fresh tissue, CSF, nasopharyngeal swab, bronchoalveolar lavage, transtracheal wash		3-5 days	\$94.16
Canine Herpesvirus 1 (CHV-1) PCR [†] 25001483	● RTT, Culture swab Fresh affected tissue (e.g. liver), nasopharyngeal or corneal swab		3-5 days	\$94.16
Canine Influenza PCR [†] 25001484	● RTT, Culture swab Nasopharyngeal swab, transtracheal wash, bronchoalveolar lavage, respiratory tissue	Influenza A subtypes	3-5 days	\$94.16





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PCR

Test Name / Code	Sample Requirements	Components / Notes	TAT	Price
Canine Mycoplasma PCR [†] 25001485	● RTT, Culture swab Nasopharyngeal swabs, nasal swab, transtracheal wash, bronchiolar lavage, respiratory tissue	<i>Mycoplasma canis</i> and <i>Mycoplasma cynos</i>	3-5 days	\$94.16
Canine Neurological Disease, Central Nervous System PCR Panel [†] 25001486	○ WTT/Sterile Container CSF- 500uL minimum or fresh tissue	<i>Toxoplasma gondii</i> , <i>Cryptococcus neoformans</i> , <i>Neospora caninum</i> , <i>Borrelia burgdorferi</i> (Lyme disease), Canine distemper virus (CDV)	3-5 days	\$157.83
Canine Parvovirus (CPV) PCR [†] 25001487	●● RTT, Feces Feces, fecal swab, GI tissue. Please submit at least 1 gram feces in a clean leakproof container, EDTA whole blood (minimum 0.5mL)	Detects all CPV-2 subtypes. Additional testing is available to distinguish subtypes. Please call the laboratory for more information on CPV subtyping. This PCR is available as an individual test or as part of the Canine Diarrhea Panel. For parvovirus testing on cats, please see Feline panleukopenia PCR.	3-5 days	\$94.16
Canine Puppy Diarrhea PCR Panel [†] 25001488	●● RTT, Feces, Culture swab Feces, fecal swab or GI tissue. Minimum 1 g feces in a clean leakproof container. If submitting fecal swab, please submit two.	<i>Campylobacter jejuni/coli</i> , <i>Salmonella</i> spp, <i>Lawsonia intracellularis</i> , <i>Clostridium difficile</i> toxins A & B, <i>Clostridium perfringens</i> enterotoxin, <i>Giardia intestinalis</i> , Rotavirus, <i>Cryptosporidium</i> spp, Canine parvovirus, and coronavirus	5-7 days	\$169.60
Canine Reproductive/ Abortion PCR Panel [†] 25001489	● RTT Placenta, fetal tissue	<i>Brucella</i> spp, <i>Neospora caninum</i> , <i>Toxoplasma gondii</i> , Canine herpesvirus, <i>Leptospira</i> spp, <i>Mycoplasma</i> spp, <i>Ureaplasma</i> spp	7-14 days	\$146.59
Canine Respiratory PCR Panel [†] 25001490	● RTT, Culture swab Affected tissue, deep nasal swab, needle aspirates, bronchoalveolar lavage, pleural fluid, CSF	<i>Bordetella bronchiseptica</i> , <i>Mycoplasma canis</i> , <i>Mycoplasma cynos</i> , Canine adenovirus, Influenza A (all subtypes), Canine distemper virus, coronavirus, Canine parainfluenza virus, <i>Streptococcus zooepidemicus</i>	5-7 days	\$163.71
<i>Chlamydia</i> spp (genus) PCR [†] 25001491	Culture swab For CATS: corneal scraping, eye/corneal swab. For AVIAN species: choanal/cloacal swab. For CATTLE: vaginal scraping		3-5 days	\$94.16
<i>Chlamydophila felis</i> PCR [†] 25001492	● RTT, Culture swab Corneal scraping, corneal or conjunctival swab, fresh affected tissue		3-5 days	\$94.16


PCR

Test Name / Code	Sample Requirements	Components / Notes	TAT	Price
Comprehensive (PCR and Serology) Vector Panel, Canine [†] K9FCOMP	●● RTT, LTT 2 mL serum in RTT AND 2 mL whole blood in LTT 	<i>Babesia canis</i> , <i>B gibsoni</i> , <i>E canis</i> , <i>R rickettsia</i> (RMSF), <i>Bartonella henselae</i> , <i>B vinsonii</i> , <i>B koehlerae</i> (by IFA); Lyme, <i>Anaplasma</i> , <i>Ehrlichia</i> , and heartworm (by rapid assay); PCR for <i>Babesia</i> , <i>Bartonella</i> , <i>Anaplasma</i> , <i>Ehrlichia</i> , <i>Rickettsia</i> , and hemotropic <i>Mycoplasma</i> organisms	10 days	\$277.88
Comprehensive (PCR and Serology) Vector Panel, Feline [†] FELVECTPNL	●● RTT, LTT 2 mL serum AND mL EDTA whole blood 	<i>Bartonella henselae</i> , <i>B vinsonii</i> , <i>B koehlerae</i> (by IFA); <i>Borrelia</i> (Lyme), <i>Anaplasma</i> , <i>Ehrlichia</i> , and heartworm (by rapid assay); PCR for <i>Babesia</i> , <i>Bartonella</i> , <i>Cytauxzoon</i> , <i>Anaplasma</i> , <i>Ehrlichia</i> , <i>Rickettsia</i> , and hemotropic <i>Mycoplasma</i> organisms	7-10 days	\$272.15
Coronavirus - Pan/Consensus PCR [†] 25001493	●●● RTT, LTT, Feces, Culture swab Feces, rectal swab, GI tissue, abdominal fluid, EDTA blood (minimum 0.5 mL for FIP), respiratory specimens	Universal coronavirus detection	3-5 days	\$94.16
<i>Cryptococcus neoformans</i> PCR [†] 25001494	● RTT, Culture swab Affected tissue, deep nasal swab, needle aspirates, bronchoalveolar lavage, pleural fluid, CSF		3-5 days	\$94.16
<i>Cryptosporidium</i> spp (genus) PCR [†] 25001495	●● RTT, Feces, Culture swab Feces, fecal swab, GI tissue. Minimum 1 g feces in a clean leakproof container.		3-5 days	\$94.16
<i>Cytauxzoon felis</i> PCR [†] 25001496	● LTT EDTA whole blood (minimum 0.5 mL)		3-5 days	\$94.16
<i>Ehrlichia</i> spp (genus) PCR [†] 25001498	● LTT EDTA whole blood (minimum 0.5 mL), spleen		3-5 days	\$94.16
<i>Encephalitozoon cuniculi</i> PCR [†] 25001499	● RTT, YTT Kidney (fresh or frozen), urine, phacoemulsified lens material		3-5 days	\$94.16

PCR

Test Name / Code	Sample Requirements	Components / Notes	TAT	Price
Equine Abortion/ Reproduction PCR Panel [†] 25001500	● RTT, Culture swab Preputial wash, vaginal swab, vaginal wash, vaginal tissue, fetal tissue, abomasum, placenta	<i>Bartonella</i> spp, <i>Candida albicans</i> , Equine arteritis virus, EHV1, EHV4, <i>Leptospira</i> spp, <i>Salmonella</i> <i>enterica</i> , <i>Streptococcus equi</i> subsp <i>zooepidemicus</i>	3-5 days	\$155.15
Equine Foal Diarrhea PCR Panel [†] 25001501	● Feces Feces, GI tissue. Minimum 2 g feces in a clean leakproof container	<i>Salmonella</i> spp, <i>Clostridium difficile</i> enterotoxin A, <i>Clostridium difficile</i> cytotoxin B, <i>Clostridium perfringens</i> type A, <i>Clostridium perfringens</i> Type C, rotavirus, coronavirus	5-7 days	\$181.37
Equine Herpes Virus type 1 PCR [†] 25001502	● ● RTT, LTT, Culture swab EDTA whole blood, nasopharyngeal swab, transtracheal wash, bronchoalveolar lavage, respiratory tissue		3-5 days	\$94.16
Equine Herpes Virus type 4 PCR [†] 25001503	● ● RTT, LTT, Culture swab EDTA whole blood, nasopharyngeal swab, transtracheal wash, bronchoalveolar lavage, respiratory tissue		3-5 days	\$94.16
Equine Influenza PCR [†] 25001504	● RTT, Culture swab Nasopharyngeal swab, transtracheal wash, bronchoalveolar lavage, respiratory tissue	Influenza type A	3-5 days	\$94.16
Equine Respiratory PCR Panel I [†] 25001505	● RTT, Culture swab Nasopharyngeal swab, transtracheal wash, bronchoalveolar lavage, respiratory tissue	EHV 1 (Equine herpesvirus Type I), Influenza Type A, and <i>Streptococcus equi</i> subsp <i>equi</i>	5-7 days	\$134.82
Equine Respiratory PCR Panel II [†] 25001506	● RTT, Culture swab Nasopharyngeal swab, transtracheal wash, bronchoalveolar lavage, respiratory tissue	EHV 1, EHV 4, Influenza Type A, <i>Streptococcus equi</i> subsp <i>equi</i> , Equine arteritis virus	5-7 days	\$157.83
Equine Tickborne Disease PCR Panel [†] 25001507	● ● RTT, LTT EDTA whole blood (minimum 0.5 mL), tissue	<i>Anaplasma</i> spp, <i>Ehrlichia</i> spp, <i>Borrelia burgdorferi</i> , <i>Rickettsia</i> spp, <i>Bartonella</i> spp, <i>Hepatozoon</i> spp If Equine Piroplasmiasis (<i>Babesia</i> <i>caballi</i> , <i>Theileria equi</i>) is suspected specimens must be submitted to USDA NVSL for testing.	3-5 days	\$151.94
Eubacteria Universal DNA - 16S rRNA PCR [†] 25001508	● RTT, Culture swab Affected tissue or body fluids, bacterial isolate	Universal Bacterial PCR	3-5 days	\$94.16
Feline Calicivirus PCR [†] 25001509	Culture swab Conjunctival swab, oropharyngeal swab, nasopharyngeal swab		3-5 days	\$94.16

PCR

Test Name / Code	Sample Requirements	Components / Notes	TAT	Price
Feline Coronavirus PCR [†] 25001510	●● RTT, LTT EDTA whole blood (minimum 0.5 mL)	Test for FIP diagnosis, pan-coronavirus PCR	3-5 days	\$94.16
Feline Diarrhea PCR Panel [†] 25001511	●● RTT, Feces, Culture swab Feces, fecal swab or GI tissue. Minimum 1 g feces in a clean leakproof container. If submitting fecal swab, please submit two.	<i>Campylobacter jejuni/ coli</i> , <i>Salmonella</i> spp, <i>Clostridium difficile</i> enterotoxin A, <i>Clostridium difficile</i> cytotoxin B, <i>Clostridium perfringens</i> enterotoxin, Feline parvovirus (Panleukopenia), <i>Tritrichomonas foetus</i> , coronavirus	5-7 days	\$151.94
Feline Diarrhea PCR [†] with O&P, <i>Giardia</i> 25001626	O&P: 3g fresh feces <i>Giardia</i> : 5g fresh feces Diarrhea Panel: Feces, fecal swab or GI tissue. Minimum 1 g feces in a clean leakproof container. If submitting fecal swab, please submit two. Diarrhea Panel: RTT, Feces, Culture swab feces, fecal swab or GI tissue. Minimum 1 g feces in a clean leakproof container. If submitting fecal swab, please submit two. 	Feline PCR Diarrhea Panel, Ova and Parasite, and <i>Giardia</i> antigen ELISA	O&P & <i>Giardia</i> : Next day by 5 PM Diarrhea Panel: 5-7 days	\$110.06
Feline Hemotropic (blood) <i>Mycoplasma</i> PCR [†] 25001512	●● RTT, LTT EDTA whole blood (minimum 0.5 mL), spleen	<i>Mycoplasma haemofelis</i> and <i>Mycoplasma haemominutum</i>	3-5 days	\$94.16
Feline Herpes and <i>Chlamydomphila felis</i> PCR Combo [†] 25001513	Culture swab Corneal or conjunctival scraping, conjunctival swab, oronasal swab		3-5 days	\$97.37
Feline Herpesvirus PCR [†] 25001514	Culture swab Corneal scraping, oropharyngeal, nasopharyngeal, or conjunctival swab		3-5 days	\$94.16
Feline Immunodeficiency Virus FIV PCR [†] 25001515	●● RTT, LTT EDTA whole blood (minimum 0.5 mL), bone marrow		3-5 days	\$94.16
Feline Leukemia Virus (FeLV) PCR [†] 25001516	●● RTT, LTT EDTA whole blood (minimum 0.5 mL), bone marrow		3-5 days	\$94.16

PCR

Test Name / Code	Sample Requirements	Components / Notes	TAT	Price
Feline Neurological Disease PCR Panel [†] 25001517	● RTT CSF (0.5 mL minimum) or fresh tissue	<i>Toxoplasma gondii</i> , <i>Cryptococcus neoformans</i> , Feline infectious peritonitis virus (FIP), Feline panleukopenia virus (FPV), Feline immunodeficiency virus (FIV)	3-5 days	\$157.83
Feline Ocular PCR Panel [†] 25001518	Culture swab Corneal or conjunctival scraping, conjunctival swab, oronasal swab	Feline herpesvirus, <i>Chlamydomphila felis</i> , Feline calicivirus	3-5 days	\$118.24
Feline Panleukopenia (Parvovirus) PCR [†] 25001519	●● RTT, Feces, Culture swab Feces, fecal swab, GI tissue, EDTA whole blood (minimum 0.5 mL)		3-5 days	\$94.16
Feline Respiratory PCR Panel 1 [†] 25001520	● RTT, Culture swab Nasal swab, oropharyngeal swab, broncheolar lavage, transtracheal wash, fresh respiratory tissue	Feline herpesvirus, <i>Chlamydomphila felis</i> , <i>Bordetella bronchiseptica</i> , <i>Mycoplasma</i> spp, Influenza A, Feline calicivirus	5-7 days	\$163.71
Fever of Unknown Origin PCR Panel, Canine [†] 25001521	●● RTT, LTT EDTA whole blood (minimum 0.5 mL), affected tissues	<i>Anaplasma/Ehrlichia</i> combo, <i>Babesia</i> spp, <i>Bartonella</i> spp, <i>Brucella</i> spp, <i>Hepatozoon</i> spp, <i>Leptospira</i> spp, <i>Neospora caninum</i> , <i>Rickettsia</i> spp, <i>Toxoplasma gondii</i> , <i>Trypanosoma cruzi</i> , <i>Leishmania</i> spp	3-5 days	\$169.60
Fever of Unknown Origin PCR Panel, Feline [†] 25001522	●● RTT, LTT, Culture swab EDTA whole blood (minimum 0.5 mL), CSF or affected tissues, oral/nasal/ocular swab, feces or fecal swab	<i>Anaplasma/Ehrlichia</i> combo, <i>Bartonella</i> spp, <i>Cryptococcus neoformans</i> , <i>Cytauxzoon felis</i> , Feline calicivirus, Feline pan-coronavirus, <i>Mycoplasma haemofelis</i> , <i>Mycoplasma haemominutum</i> , Feline panleukopenia virus, FeLV, FIV, <i>Salmonella enterica</i> , <i>Toxoplasma gondii</i>	3-5 days	\$219.35
<i>Francisella tularensis</i> (Tularemia) PCR [†] 25001523	●● RTT, LTT Fresh tissue (liver, spleen, lymph node), EDTA whole blood (0.5 mL minimum), respiratory secretions		3-5 days	\$94.16
<i>Giardia intestinalis</i> PCR [†] 25001524	●● RTT, Feces, Culture swab Feces, fecal swab, GI tissue. Minimum 1 g feces in a clean leakproof container.		3-5 days	\$94.16

PCR

Test Name / Code	Sample Requirements	Components / Notes	TAT	Price
<i>Helicobacter</i> spp (genus) PCR [†] 25001525	●● RTT, Feces Feces, fecal swab, GI tissue. Minimum 1 g feces in a clean leakproof container.		3-5 days	\$94.16
<i>Leishmania</i> spp (genus) PCR [†] 25001526	●● RTT, LTT Preferred samples include skin lesion, bone marrow, lymph node aspirates, conjunctival swabs, spleen (fresh tissue), and EDTA whole blood (0.5 mL minimum).		3-5 days	\$94.16
<i>Leptospira</i> MAT, 5 Serovar & PCR [†] 6163	●● RTT, LTT For MAT 0.5 mL serum in RTT; For PCR: 5 mL Urine; OR 1 mL EDTA whole blood (LTT); OR 1 gm tissue (e.g., kidney and/or liver); OR 1 mL aqueous humor; OR 0.5 mL CSF	MAT includes detection of antibodies to <i>Leptospira</i> <i>interrogans</i> serovars <i>pomona</i> , <i>hardjo</i> , <i>icterohemorrhagiae</i> / <i>copenhageni</i> , <i>grippotyphosa</i> , and <i>canicola</i>	Up to 10 days	\$137.76
<i>Leptospira</i> spp (genus) PCR [†] 25001527	●● RTT, LTT, YTT Urine, EDTA whole blood (minimum 0.5 mL) Fresh kidney or liver, placenta, fetal tissue. Keep cold and ship overnight on ice. For increased diagnostic sensitivity please send both Blood and Urine.		3-5 days	\$93.09
<i>Listeria</i> spp (genus) PCR [†] 25001528	● RTT, Culture swab Brain (fresh), CNS swab, CSF (minimum 0.5 mL)		3-5 days	\$94.16
<i>Mycobacterium</i> spp (genus) PCR [†] 25001529	● RTT, Culture swab Affected tissue preferred, body fluids, swabs, feces, bacterial isolate		3-5 days	\$104.33
<i>Mycoplasma</i> spp (genus) PCR [†] 25001530	● RTT, Culture swab Affected tissue, body fluids, swabs		3-5 days	\$94.16
<i>Neospora caninum</i> PCR [†] 25001531	●●● RTT, LTT, Feces Fresh tissue (brain, fetal tissue), CSF (minimum 0.5 mL), feces		3-5 days	\$94.16
<i>Nocardia</i> spp (genus) PCR [†] 25001532	● RTT, Culture swab Fresh tissue, swabs from affected sites		3-5 days	\$94.16

PCR

Test Name / Code	Sample Requirements	Components / Notes	TAT	Price
Pan-Fungal PCR [†] 25001533	● RTT, Culture swab Affected fresh tissue, fluids, swab	Detects presence of fungal or yeast organism but does not speciate. Further identification is achieved through Sanger sequencing of the PCR amplicon.	3-5 days	\$94.16
PCR Formalin-Fixed Paraffin Embed Tissue [†] 25001534	● RTT Formalin fixed paraffin embedded tissue. Please submit 2-3 sliced scrolls in 1.5 mL micro-centrifuge tube.		5-7 days	\$82.93
<i>Rhodococcus equi</i> PCR [†] 25001535	●●● RTT, LTT, Feces, Culture swab Fresh tissue, nasal or oropharyngeal swab, transtracheal wash, bronchiolar lavage, feces, EDTA whole blood (minimum 0.5 mL)		3-5 days	\$94.16
<i>Rickettsia</i> spp (genus) PCR [†] 25001536	●● RTT, LTT EDTA whole blood (minimum 0.5 mL), fresh tissue		3-5 days	\$94.16
<i>Salmonella enterica</i> PCR [†] 25001537	●● RTT, Feces Feces, GI tissue. Minimum 2 g feces in a clean leakproof container.		3-5 days	\$93.09
SARS-COV-2 PCR [†] 25001538	● Feces, Culture swab Nasal swab (preferred), feces		5-7 days	\$174.95
<i>Strep equi</i> subsp. <i>zooepidemicus</i> PCR [†] 25001541	● RTT, Culture swab Nasal swab, lung tissue, lymph node		3-5 days	\$94.16
<i>Streptococcus equi</i> subsp. <i>equi</i> PCR [†] 25001540	● RTT, Culture swab Nasal swab, lung tissue, lymph node		3-5 days	\$94.16
Tickborne Disease PCR Panel Non-equine [†] 25001542	●● RTT, LTT EDTA whole blood (minimum 0.5 mL), Fresh tissue	<i>Anaplasma</i> spp, <i>Ehrlichia</i> spp, <i>Borrelia burgdorferi</i> , <i>Rickettsia</i> spp, <i>Babesia</i> spp, <i>Bartonella</i> spp, <i>Hepatozoon</i> spp, <i>Theileria</i> spp	5-10 days	\$163.71
<i>Toxoplasma gondii</i> PCR [†] 25001543	●●● RTT, LTT, Feces Fresh tissue, urine, feces, EDTA whole blood (minimum 0.5 mL)		3-5 days	\$94.16
<i>Tritrichomonas foetus</i> PCR [†] 25001544	● Feces, Culture swab Preputial wash, vaginal scraping, cat feces		3-5 days	\$94.16

PCR

Test Name / Code	Sample Requirements	Components / Notes	TAT	Price
<i>Trueperella pyogenes</i> PCR ⁺ 25001545	● RTT, Culture swab Nasopharyngeal swab, transtracheal wash, bronchoalveolar lavage (BAL), respiratory tissue, abscess, other affected tissues		3-5 days	\$94.16
<i>Trypanosoma cruzi</i> PCR ⁺ 25001546	● LTT EDTA whole blood (minimum 0.5 mL)		3-5 days	\$94.16
<i>Ureaplasma</i> spp (genus) PCR ⁺ 25001547	● RTT, Culture swab Reproductive tissue or swabs. Respiratory washes, tissue or swabs		3-5 days	\$94.16
Uveitis PCR Panel, Feline ⁺ 25001548	● RTT, Culture swab Aqueous fluid, vitreous fluid, corneal scraping, conjunctival swab	<i>Toxoplasma gondii</i> , <i>Feline herpesvirus</i> , Feline coronavirus, <i>Cryptococcus</i> , <i>Bartonella</i> , FeLV, FIV	3-5 days	\$149.80
<i>Yersinia</i> spp (genus) PCR ⁺ 25001549	●● RTT, Feces Feces or GI tissue. Minimum 2 g feces in a clean leakproof container		3-5 days	\$94.16



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07. Test Menu: Avian, Exotic, & Small Mammal





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TESTS

Bundles








Test Name / Code	Sample Requirements	Components / Notes	TAT	Price
Well Bird Panel Package [†] 25001468	●●● RTT, LTT, GRNTT, slides 0.1 mL EDTA whole blood, slides; 0.3 mL plasma or serum 	CBC, Basic Avian Chem Panel, Bile acids, EPH	4-5 days	\$149.80
Advanced Reptile Panel [†] 25001448	●● RTT, GRNTT, slides 0.1 mL heparinized whole blood, slides, 0.3 mL plasma or serum 	CBC, Advanced Reptile Chem Panel, EPH	4-5 days	\$156.22
Basic Reptile Panel [†] 25001454	●● RTT, GRNTT, slides 0.1 mL heparinized whole blood, slides, 0.25 mL serum or plasma 	CBC, Basic Reptile Chem Panel, EPH	4-5 days	\$146.59
Basic Mammal Panel [†] 25001452	●●● RTT, LTT, GRNTT, slides 0.1 mL EDTA whole blood, slides, 0.2 mL serum or plasma 	CBC, Basic Mammal Chem Panel, EPH	4-5 days	\$146.59

Hematology


Test Name / Code	Sample Requirements	Components / Notes	TAT	Price
Fibrinogen Heat Precipitation Method [†] 25001457	● LTT 0.1 mL EDTA whole blood 		3-5 days	\$74.90
Mini Avian Panel [†] 25001459	●● LTT, GRNTT 0.1 mL EDTA whole blood, slides, 0.1 mL heparinized plasma 	CBC, Electrophoresis	4-5 days	\$112.35
Elasmobranch CBC and Diff [†] 25001455	● GRNTT, slides 0.1 mL heparinized whole blood, slides 		3-5 days	\$95.23
Mini Elasmobranch Panel [†] 25001460	● GRNTT, 2 slides 0.1 mL heparinized whole blood, 2 slides, 0.1 mL heparinized plasma 	CBC, Electrophoresis	4-5 days	\$112.35

TESTS

Hematology

Test Name / Code	Sample Requirements	Components / Notes	TAT	Price
CBC Hemocytometer Cnt Man Diff Reptile [†] 25001444	● GRNTT, slides 0.1 mL heparinized whole blood, slides 	Automated count and manual diff.	3-5 days	\$95.23
Reptile CBC and Diff [†] 25001447	● GRNTT, slides 0.1 mL heparinized whole blood, slides 	By gold standard hemocytometer/ Natt & Herrick's method	3-5 days	\$95.23
Mini Reptile Panel [†] 25001462	● GRNTT, 2 slides 0.1 mL heparinized whole blood, 2 slides, 0.1 mL heparinized plasma 		4-5 days	\$112.35
Mini Mammal Panel [†] 25001461	●● LTT, GRNTT, slides 0.1 mL EDTA whole blood, slides, 0.1 mL heparinized plasma 	CBC, Electrophoresis	4-5 days	\$117.70
Mini Teleost Panel [†] 25001463	● GRNTT, 2 slides 0.1 mL heparinized whole blood, 2 slides, 0.1 mL heparinized plasma 	CBC, Electrophoresis	4-5 days	\$112.35
Teleost CBC and Diff [†] 25001465	● GRNTT, slides 0.1 mL heparinized whole blood, slides 		3-5 days	\$95.23
CBC Automated Count Manual Diff Mammal [†] 25001443	● LTT, slides 0.1 mL EDTA whole blood, slides 	Automated count and manual diff.	3-5 days	\$95.23

Endocrinology


Test Name / Code	Sample Requirements	Components / Notes	TAT	Price
T4, Total (Mammals Only) [†] 25001464	● GRNTT 0.1 mL heparinized plasma 		3-5 days	\$93.09

TESTS



Microbiology

Test Name / Code	Sample Requirements	Components / Notes	TAT	Price
Sex Determination (Psittacine) [†] 25001539	● GRNTT 0.1 mL whole heparinized whole blood		7-10 days	\$74.90





Clinical Immunology

Test Name / Code	Sample Requirements	Components / Notes	TAT	Price
Protein Electrophoresis (EPH) [†] 25001446	● GRNTT 0.1 mL heparinized plasma 		3-5 days	\$88.81

Serology/Infectious Disease





Test Name / Code	Sample Requirements	Components / Notes	TAT	Price
Aspergillus Panel PLUS [†] 25001440	● GRNTT 0.25 mL heparinized plasma 	Antibody (both assays), EPH + Galactomannan, Gliotoxin	3-5 days	\$203.30
Aspergillus Panel - PenguinPLUS [†] 25001449	● GRNTT 0.25 mL heparinized plasma 	Hydroxybutyrate, EPH, Gliotoxin	4-5 days	\$155.15

Chemistry


Test Name / Code	Sample Requirements	Components / Notes	TAT	Price
Lipoprotein Chemistry Panel [†] 25001458	● GRNTT 0.1 mL heparinized plasma 		4-5 days	\$98.44
Adv Avian Chem Panel [†] 25001437	● RTT, GTT 0.3 mL heparinized plasma 	Amylase, AST, BUN, Creat, Ca, Chol, Cl, CO ₂ , CPK, GGT, Glu, Lipase, Mg, Phos, Potassium, Sodium, TP, Trig, Uric Acid, GLDH	4-5 days	\$130.54
Adv Mammal Chem Panel [†] 25001438	● ● RTT, GRNTT 0.3 mL serum or heparinized plasma 	ALT, AlkPhos, BUN, Crea, Glu, Ca, Na, Phos, Potassium, Cl, Mg, TP, Alb, AST, Amylase, CPK, TBili, GGT	4-5 days	\$130.54
Adv Reptile Chem Panel [†] 25001439	● GRNTT 0.3 mL heparinized plasma 	AlkPhos, Amy, Anion Gap, AST, BUN, CPK, Ca, Chol, Cl, CO ₂ , GGT, Glu, K, Lipa, Mg, Na, Osmolality, Phos, TP, Trig, Uric Acid, GLDH	4-5 days	\$130.54

TESTS


Chemistry

Test Name / Code	Sample Requirements	Components / Notes	TAT	Price
Bile Acids † 25001442	● GRNTT 0.1 mL heparinized plasma 		3-5 days	\$85.60
Basic Avian Chemistry Panel† 25001450	● GRNTT 0.2 mL heparinized plasma 	AST, Ca, Glu, TP, Uric Acid, CPK, Phos	4-5 days	\$97.37
Elasmobranch Chemistry Panel† 25001456	● GRNTT 0.3 mL heparinized plasma 	Anion gap, AST, BUN, Ca, Chol, Cl, CO2, CPK, GGT, Glu, K, Mg, Na, Osmolality, Phos, TP, Trig, Uric Acid	4-5 days	\$125.19
Basic Reptile Chemistry Panel† 25001453	● GRNTT 0.25 mL heparinized plasma 	AlkPhos, AST, CPK, Ca, Cl, GGT, Glu, K, Na, Phos, TP, Trig, Uric Acid	4-5 days	\$115.56
Basic Mammal Chemistry Panel† 25001451	● ● RTT, GRNTT 0.2 mL serum or heparinized plasma 	ALT, BUN, Crea, Glu, Phos, Ca, TP	4-5 days	\$97.37
Teleost Chemistry Panel† 25001466	● GRNTT 0.3 mL heparinized plasma 	Anion gap, AST, BUN, Ca, Chol, Cl, CO2, CPK, GGT, Glu, K, Mg, Na, Osmolality, Phos, TP, Trig, Uric Acid	3-5 days	\$125.19

Nutrition

Test Name / Code	Sample Requirements	Components / Notes	TAT	Price
Vitamin D (25-Hydroxy) Mammals Only† 25001467	● ● RTT, GRNTT 0.1 mL heparinized plasma or serum 		3-5 days	\$93.09

Genetics

Test Name / Code	Sample Requirements	Components / Notes	TAT	Price
DNA Sexing† 25001445	● GRNTT 0.1 mL heparinized whole blood 		4-5 days	\$85.60




08. Tube Guide & Sample Guidelines




Tube Guide

Use this quick reference guide to identify which tubes are appropriate for sample collection, based on sample type and common test usage.



For instructions on how to prepare and submit your sample, please refer to the collection guidelines specific to your sample type.

Tube Type	Additive	Sample Type(s)	Tube Description	Common Uses
Blue-top tube ● BTT 	3.2% sodium citrate anticoagulant	Plasma	Light blue top -Microtainer also available for low-volume samples (very small, pediatric, and exotic species)	Coagulation testing (PT, aPTT, coagulation factor assays)
Purple-top or lavender-top tube ● LTT 	Potassium EDTA anticoagulant	Whole blood or plasma (EDTA plasma is rarely used)	Purple or lavender top -Microtainer also available for low-volume samples (very small, pediatric, and exotic species)	Most common use: -Whole blood for CBC
Green-top tube ● GRNTT 	Lithium heparin anticoagulant sprayed or present as a floating disc in the tube	Whole blood or plasma	Green top -Microtainer also available for low-volume samples (very small, pediatric, and exotic species)	Most common use: -Free (ionized) calcium, whole blood for point-of-care chemistry testing Other uses: -Plasma sometimes used for various tests for pediatrics and small exotic species

08. TUBE GUIDE & SAMPLE GUIDELINES

Tube Type	Additive	Sample Type(s)	Tube Description	Common Uses
Mint- or light green-top microtainer ■ M-GRNTT 	Lithium heparin anticoagulant (either sprayed into tube or in gel)	Plasma	Mint- or light green-top microtainer -Opaque, light yellow gel at bottom of tube -Differs from green-top tube in that it contains a gel additive that separates RBCs from plasma when centrifuged	Most common use: -Plasma for point-of-care chemistry testing (often reserved for use with very small, pediatric, and exotic species)
Red-top tube ● RTT 	Clot activator (sprayed inside of tube)	Serum	Red top with chalky residue (clot activator) in tube Please note: No-additive RTTs are also available. Tubes with clot activator should not be used when a no-additive tube is required.	Most common use: -Serum chemistry testing Other uses: -Immunology -Serology -Many others
Serum-separator tube or tiger-top tube or gold-top tube ○ SST 	Clot activator (embedded in gel)	Serum	Red top, red and black marble top (tiger top) -Gold-top microtainer also available for low-volume samples (very small, pediatric, and exotic species) -Important not to confuse gold-top tube with yellow-top urine tube -All tubes have opaque light yellow gel at bottom of tube	Most common use: -Serum chemistry testing Other uses: -Immunology -Serology -Many others

08. TUBE GUIDE & SAMPLE GUIDELINES

Tube Type	Additive	Sample Type(s)	Tube Description	Common Uses
White-top tube ○ WTT 	No additive	Serum	White top (no additive)	Used when serum needs to be separated from RBCs and removed from original collection tube to avoid prolonged contact with RBCs or separator gel -Used when special handling of sample required (such as freezing) -Often used for collection of fluids/urine and materials for culture
Yellow-top tube ● Urine 	No additive	Urine	Bright yellow top -May have a conical or tapered base	Urine for urinalysis and other various tests



See the complete Directory of Services online at zoetisreflabs.com/DOS

Blood & Urine Sample Collection & Submission



Preparing to submit a sample

For tubes commonly collected for clinical laboratory testing, the tube order recommended by the National Committee for Clinical Laboratory Standards (NCCLS) is **blue** (citrate), **red** (serum/clot), **green** (heparin), then **lavender** (EDTA). For more guidance on which tubes are most appropriate for each sample, [check out our tube guide](#).

- Fasted samples (monogastric animals) are recommended to avoid lipemia.
- Choose the largest vein and largest needle that can safely be used.
- Use a 21-22G needle for small animals and an 18-20G needle for larger animals.
- Never use a needle smaller than 23G.
- Minimize trauma to the vein (eg, do not wipe aggressively with alcohol, do not hold vein off for more than 10 seconds prior to blood draw).
- Use minimal suction when drawing blood into syringe.



[Access full blood and urine sample collection & submission guidelines, click here](#)



See the complete Directory of Services
online at zoetisreflabs.com/DOS

Microbiology Sample Collection & Submission

The diagnosis of infectious diseases is not confined to the microbiology laboratory. However, once a decision has been made to submit clinical specimens to the microbiology laboratory, following basic principles can help ensure that results will be accurate and rapid.

Specimens should be collected during the acute phase of illness and before the administration of antimicrobials, if possible. Most specimens will be collected using culture swabs or sterile containers and tubes provided by Zoetis Reference Laboratories. Collect specimens as aseptically as possible; otherwise, relevant pathogens may be overgrown by normal flora. Interpretation of results always depends on the quality of the specimens received for analysis, and the accurate diagnosis of microbial infections requires proper sample selection, collection, and preservation. Specimens of poor or questionable quality (whose results could be compromised) may be rejected.

At minimum, specimens must be labeled with the patient's first and last name, the source/site, and date and time of collection. Enough information should be provided on the specimen label to match with the test requisition form. Clinical information should also be included, as this helps the laboratory ensure that the specimen is handled and tested appropriately.



Access full microbiology sample collection & submission guidelines, [click here](#)



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Histopathology Sample Collection & Submission

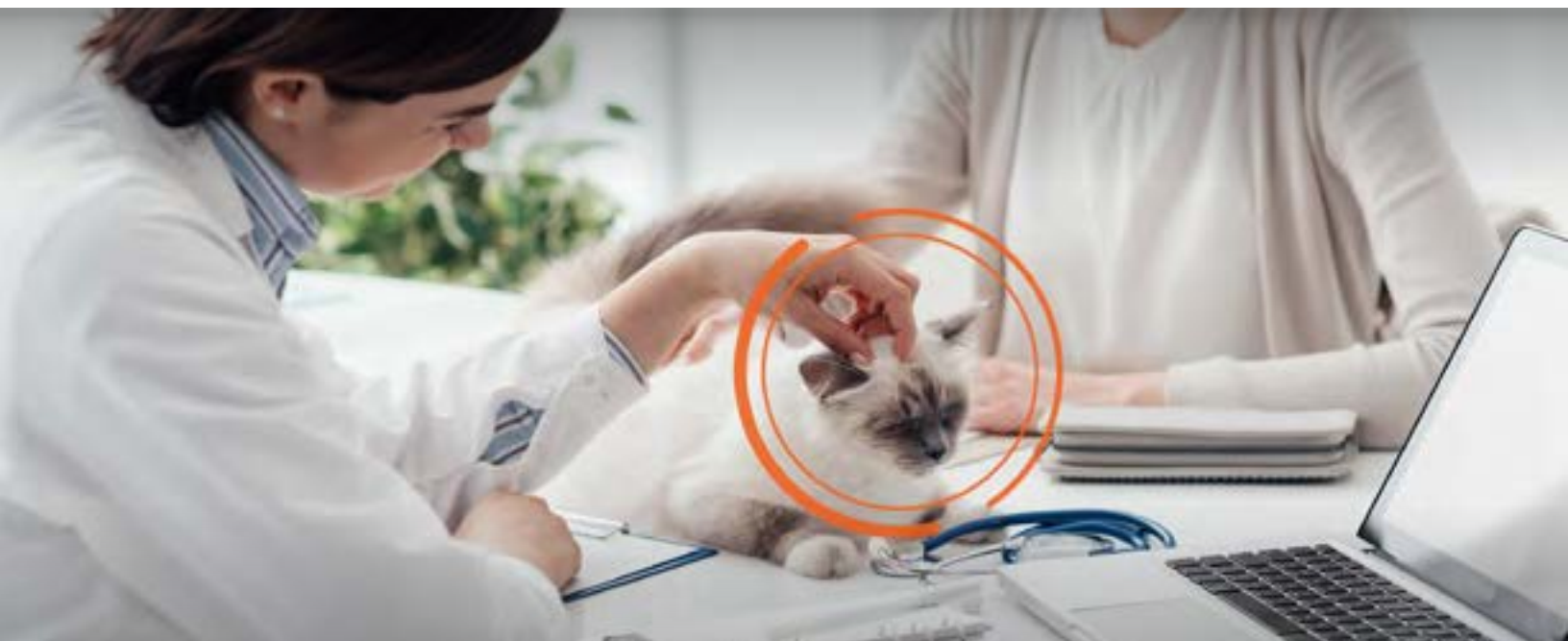


How to properly submit a sample

- Please complete the requisition form as follows:
 - » Clinic ID and name
 - » Veterinarian's name
 - » Patient information
 - » Relevant patient history
 - » Specimen source information
- Please mark the number of containers and specimens being sent so that we can ensure we received all the specimens.



Access full histopathology sample collection & submission guidelines, [click here](#)



Cytopathology Sample Collection & Submission

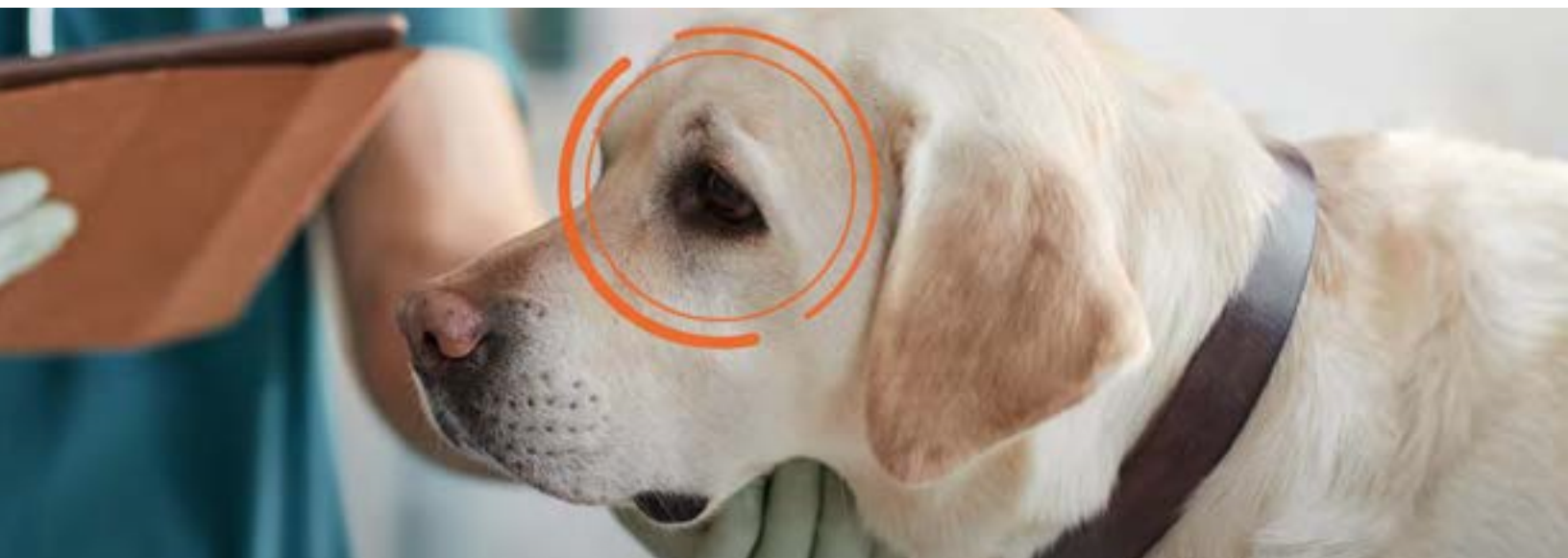


Cytopathology air-fixed slides—best practices for sample collection and handling

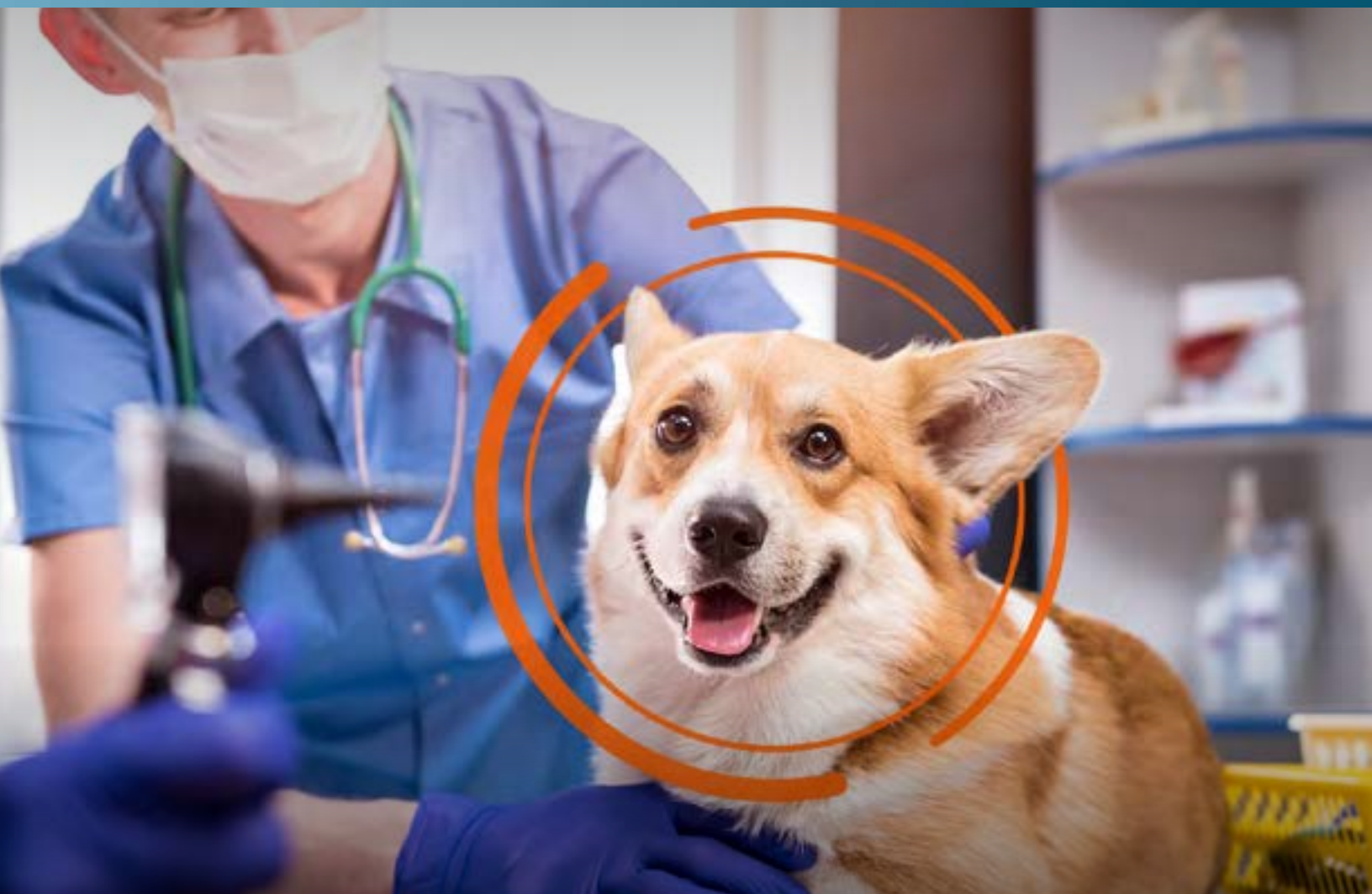
- Use new, clean glass slides with frosted edge.
- Ensure slide is labeled clearly with a pencil on the frosted edge with the patient name and site sampled.
 - » Ink labeling can wash off during staining.
 - » Do not label the slide box only.
- Collect your sample using appropriate method for the lesion type.
 - » Fine-needle aspiration (FNA): FNA is the most common method used for sampling mass lesions and organs. We recommend use of a 22G needle that is directed rapidly in and out of multiple planes of the mass lesion in a “woodpecker-like” motion to place cells within the hub of your needle.



Access full cytopathology sample collection & submission guidelines, [click here](#)



09. Policies



Species Policy

In order to maintain our highest quality standards, we accept samples for core testing (hematology, chemistry, endocrinology, urinalysis) from only the following species: dogs, cats, horses and other domestic hoofstock (cattle, sheep, goats, pigs, llamas, alpacas), rabbits, and ferrets. Exotic species samples are accepted, but are generally analyzed at a third-party specialty laboratory.

For microbiology and parasitology testing, we accept samples from all species, except non-human primates.

For cytopathology, air-dried slides are accepted from all species. Liquid samples are accepted for all species except non-human primates.

For histopathology, formalin-fixed samples can be accepted from any species. Non-formalin-fixed whole bodies or heads are not accepted from any species.

Fresh, non-fixed samples from non-human primates will not be accepted for any test. For these species, tissue for histopathology must be formalin-fixed and slides for cytopathology must be air-dried or alcohol-fixed.

Samples from species that fall outside of this policy will be returned to you or will be sent to a third party laboratory with associated charges applied.

Add-on Tests

We make it easy to add tests to samples you've already submitted. Simply call customer service at 1-888-965-9652.

Or, if you order your tests electronically, you can add a test through ZoetisDx or via PIMS.

Sample Retention

After testing is completed, we retain biological specimens as follows:

Item	Retention time
Non-fixed biologic specimens (eg, blood, urine, feces)	1 week
EXCEPTION: citrated plasma in -20°C	2 weeks
Blood smears	3 months
Cytology slides	6 months
Histopathology specimens – wet tissues	1 month
Histopathology specimens – FFPE (formalin-fixed paraffin-embedded) tissues	Minimum 3 years
Histopathology slides	Minimum 3 years

Compromised/Suboptimal Samples

Samples that cannot be processed in a manner that upholds our quality standards may require additional attention or, in some cases, may be rejected. In the event that we receive such a sample, we will attempt to contact you.

Examples of suboptimal samples include: lack of clear patient identifying information, damaged or leaking containers, inadequate volume for testing, incorrectly preserved samples, and contaminated samples.

Employee Pet Testing Program

We want to reward you for being a loyal customer of Zoetis Reference Laboratories. That's why we created our Employee Pet Testing Program.

Eligible customers can receive up to 10% of their monthly spend in free employee testing. For example, if a customer spends \$3,000 per month in Zoetis Reference Laboratories tests, they are eligible to receive \$300 in employee pet testing.

Any amount of Employee Pet testing sent in that exceeds 10% of their spend will be billed fully.

All existing customers who are eligible and meet the criteria will be automatically able to participate in this program. Any new Zoetis Reference Laboratories customers will be automatically enrolled in the program for 90 days.

Customers can indicate that a test is for a staff pet by checking a box on the printed PIMS form labeled "Employee Pet."

Who is eligible?

- Any new or existing customer who spends a minimum of \$2,000 per month with Zoetis Reference Laboratories. If a customer's monthly spend drops below \$2,000, they are dropped from the eligibility list the following month.
- OptimizeDx customers are not eligible.

How to Make a Payment

To view invoices and statements or pay online, go to: www.zoetisus.com/billpay

For Zoetis Reference Laboratories billing questions, call **1-888-965-9652**

Processing & Handling Fee Policy

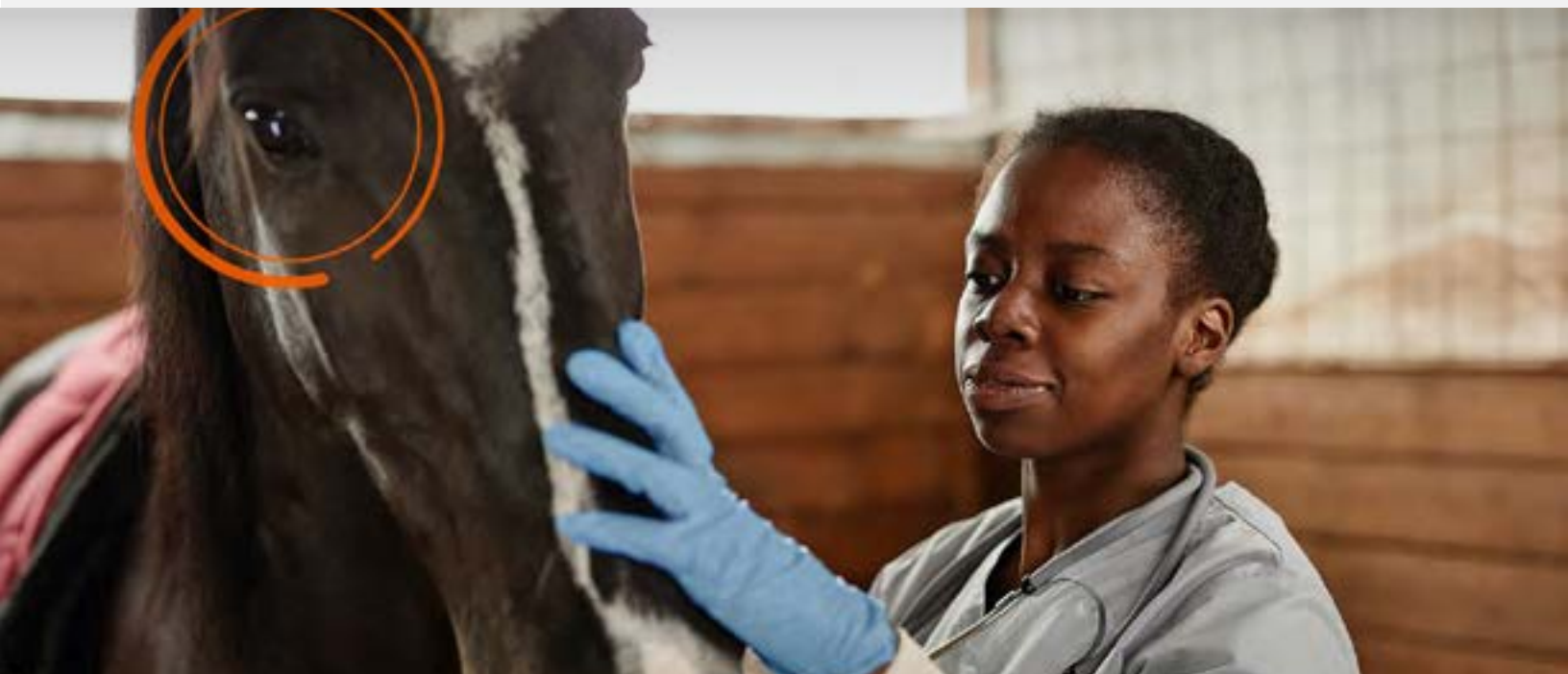
At Zoetis, it is a priority to provide our valued customers with pricing transparency. A monthly \$50.00 fee will be applied to customer accounts spending \$500 or less per month with Zoetis Reference Laboratories.

If you have questions about this fee, please reach out to your Zoetis representative or contact customer service. You can also ask them for more information about programs that can help you avoid the monthly fee.

Zoetis Terms & Privacy

Zoetis values your trust and respects your privacy. The resources on this link will help you understand how we use your personal information and how you can manage your privacy choices.

To view the full Zoetis Privacy Policy, visit <https://www.zoetis.com/privacy-center>



10. Alphabetical Test Listing



CANINE & FELINE TEST LISTING

Alphabetical Test Listing

Canine & Feline Tests	38
2M Antibody Masticatory Muscle Myositis [†] 6403	71
17-Hydroxyprogesterone, Pre & Post-(ACTH Stim) [†] 17HPROG	53
Acetylcholine Receptor Antibody/Myasthenia Gravis [†] 6402	71
Acid-Fast Stain, Non-Avian/Reptile ACIDFAST	56
ACTH Stimulation (2 samples) 6100	44
ACTH Stimulation (2 samples) 6100	51
ACTH Stimulation (3 samples) 6101	51
Adrenal Panel (with ACTH Stimulation), Canine/Feline [†] ACTHADR	52
Aerobic and Anaerobic Culture 7135	55
Aerobic Culture 7156	55
Albumin 1001	67
Aldosterone Baseline [†] ALDOS	53
Aldosterone Pre & Post [†] ALDOSPOST	53
Allergy Panel, Canine/Feline [†] 25001385	71
ALP (Alk Phos) 1003	68
ALT 1002	68
Amylase (Mich. State Univ.) [†] 1004	75
Anaerobic Culture 7157	55
Anaerobic ID Add-on A7157	76
<i>Anaplasma phagocytophilum</i> (IFA) ANATITER	60
Anticoagulant (Rodenticide) [†] ANTICOAG	72
Anti-Müllerian Hormone [†] 5555	51
Anti-Nuclear Antibody (IFA) ANA	71
Anti-Platelet Flow Cytometry, Canine [†] PBA	64

CANINE & FELINE TEST LISTING

Antithrombin (AT3) [†] ANTTHRO3	63
Aspergillus Galactomannan Antigen EIA [†] ASPGUR	60
Aspergillus Titer AGID [†] ASP	60
AST 1005	68
Australia Export Completion Panel [†] AUSECPN	60
Babesia Blood Smear [†] BABBLDSMR	66
Babesia IFA [†] BABESIAIFA	62
Baermann Test (Lungworm) BAER	74
Bartonella IFA [†] 6025	60
Basic CBC, Canine/Feline (Healthy, Non-geriatric) 2000	38
Bence-Jones Immunofixation [†] BENJ	57
Bile Acid Pre/Resting Add-on A6180	76
Bile Acids Post 6181	67
Bile Acids Pre/Resting 6180	67
Blastomyces Quantitative Antigen EIA [†] BLASTANT	58
Blood Culture 7150	56
Blood Lead [†] 6240	73
Blood Typing BLTYP	63
Borrelia (Lyme) (Western Blot) LYMEWB	60
Bromide 1025	72
Brucella canis Culture [†] BRUCLCULT	56
Brucella canis Slide AGGL/AGID II [†] 6315	60
Brucella canis Titer IFA BRUCIFA	59
Buffy Coat 6295	65
BUN 1006	68
Calcium (Total Calcium) 1008	68
Canine Adenovirus Type 1 Antibody (VN) [†] K9ADNE1	61
Canine C-reactive Protein (CRP) [†] CRP	67
Canine Diarrhea PCR [†] with O&P, Giardia 25001623	49
Canine Distemper Virus Titer (Cornell) [†] DISTEMP	61
Canine Influenza Virus Titer [†] K9FLUAB	62

CANINE & FELINE TEST LISTING

Canine Pancreatic Lipase (cPL) 2073	41
Canine Parvovirus Fecal Test 60002	74
Carnitine [†] CARNITINE	86
Centrifugal Fecal Flotation Test (O&P) & McMaster (Fecal Egg Counting) Test 25000487 ...	42
Centronuclear Myopathy [†] CNM	84
Chloride 1007	68
Cholesterol 1009	68
C-Kit Mutation Assay [†] 6541	81
ClinChem 18 Chem18	40
ClinChem 18 with SDMA 25001624	40
ClinChem 25 1000	40
ClinChem 25 with SDMA 25001625	40
Clotting Factor FIX [†] FACTORIX	66
Clotting Factor FVIII [†] FACTORVIII	66
Clotting Factor FXII [†] FACTORXII	66
Clotting Factor X [†] FACX	66
CO2 1020	69
Coagulation Panel and Fibrinogen, Canine/Feline [†] 1390	66
Coagulation Panel, Canine/Feline (Cornell) [†] COAGFA	66
Cobalamin and Folate KFCOFO	41
Cobalamin (Vitamin B12) 6207	41
Coccidioides Titer AGID [†] 6129	58
Complete Amino Acid Profile [†] COMPAA	71
Complete Muscle Profile [†] CM	81
Comprehensive CBC, Canine/Feline CBCC	38
Comprehensive CBC Upgrade (add to Bundle) CBCCUP	38
Comprehensive (PCR and Serology) Vector Panel, Canine [†] K9FCOMP	61
Comprehensive (PCR and Serology) Vector Panel, Feline [†] FELVECTPNL	62
Congenital (CKCS) Macrothrombocytopenia [†] CKCSMACRO	84
Copper, Zinc, Iron Levels on Hepatic Tissue [†] COPZNCIRON	82
Core Vaccine Titer Panel (includes Rabies, non-export), Canine [†] 6160	59

CANINE & FELINE TEST LISTING

Corticosteroid-Induced Alk Phos (CIALP) [†] CIALP	68
Cortisol Add-on A5101	77
Cortisol (Baseline/Resting) 5101	44
Cortisol (Single Sample, Post-ACTH) CORTPOST	51
cPL, TLI, Cobalamin, and Folate, Canine 7250	41
Creatinine 1010	69
Creatinine Kinase (CK) 1011	69
Critical Care ClinChem, Canine/Feline 25000488	39
Crossmatch, Additional Donor XMTCHX	63
Crossmatch, One Donor XMTCH1	63
Crossmatch, Three Donors XMTCH3	63
Crossmatch, Two Donors XMTCH2	63
Cryptococcus Antigen Titer by Latex Agglutination 7216	58
Cyclosporine [†] 6335	72
Cystinuria Nitroprusside [†] CYSTINURIA	84
Cytopathology Complex 7201	83
Cytopathology Simple/Single Site 7120	83
D-Dimer 4104	65
Degenerative Myelopathy [†] DEGMYE	84
Dermatopathology Panel (includes Histopathology & Dermatologist Consult) ZN400	80
Dermatophyte Culture 7160	56
Dexamethasone Suppression (2 samples) 6103	44
Dexamethasone Suppression (3 samples) 6104	51
DGGR Lipase 1030	41
DGGR Lipase Add-on A1030	76
DIC Panel [†] 6565	63
Digoxin [†] 6320	72
Direct Coombs 2701	65
Direct Coombs Add-on A2701	77
Drugs of Abuse [†] DOA	72
Ehrlichia canis (IFA) EHRCH	61

CANINE & FELINE TEST LISTING

Endogenous ACTH, Canine [†] 1384	52
Erythropoietin (EPO) [†] 50227	66
Estradiol, Baseline [†] ESTRADIOL	53
Fanconi Syndrome Test [†] FANCONI	84
Fecal Culture 7155	56
Fecal Direct Smear Test 25001610	42
Fecal Occult Blood 7255	74
Fecal Sedimentation Test 25001612	42
Feline Coronavirus (ELISA) 5556	59
Feline Coronavirus (IFA) CORONAIFA	59
Feline Diarrhea PCR [†] with O&P, <i>Giardia</i> 25001626	50
Feline Heartworm Antibody (ELISA) [†] 6007	39
Feline Heartworm Antibody (ELISA) [†] 6007	74
Feline Heartworm Antibody (ELISA) Add-on [†] A6007	77
Feline Hyperthyroid ClinChem 25000507	39
Feline Leukemia Virus (FeLV) (ELISA) 25000531	62
Feline Vaccine Panel 2 [†] 7200	58
FeLV/FIV Rapid Test 6005	45
FELV/FIV Rapid Test Add-on A6005	76
Fibrinogen, Canine/Feline 4103	65
FIV by Western Blot & ELISA [†] FIVWB	61
Flow Cytometry [†] FLOW	64
Flow Cytometry with CBC [†] FLOWCBC	64
Folate 6208	41
Free (Ionized) Calcium IONISTAT	67
Free (Ionized) Calcium (Mich. State Univ.) [†] 6304	67
Free (Ionized) Calcium (Mich. State Univ.) Add-on [†] A6304	78
Free T4 5103	44
Free T4 Add-on A5103	77
Free T4 by ED [†] 6330	51
Fructosamine 1024	44

CANINE & FELINE TEST LISTING

Fructosamine Add-on A1024	76
Fungal Culture 7145	55
Fungal Susceptibility 1 Drug [†] FUNGALSUS1	56
Fungal Susceptibility 2 Drugs [†] FUNGALSUS2	57
Fungal Susceptibility 3 Drugs [†] FUNGALSUS3	57
Fungal Titer Panel AGID [†] 6130	58
Gabapentin [†] GAB	73
Gastrin [†] GASTRIN	53
GGT 1013	69
Giardia Antigen Test 2321	42
Giardia Antigen Test, Canine/Feline Add-on A2321	77
Giardia & Cryptosporidium (IFA), Canine/Feline 2404	74
Giardia Focused O&P 25001611	42
Glomerular Filtration Rate (Iohexol Clearance) [†] GFRIC	70
Glucose 1014	69
Heartworm Antigen Test 6001	38
Heartworm Antigen Test 6001	43
Heartworm Antigen Test Add-on A6001	76
Heartworm Antigen Test (Alternate Methodology) 25000533	39
Heartworm Antigen Test (Alternate Methodology) 25000533	74
Heartworm Antigen with Heat Treatment HWHEAT	38
Heartworm Antigen with Heat Treatment HWHEAT	74
Hemophilia Panel, Canine/Feline [†] HEMO	64
Hemostasis Panel, Canine/Feline [†] 6560	65
Hepatopathology (Liver) Panel ZN500	80
High-Sensitivity Cardiac Troponin I [†] TROPONIN	68
Histopathology Complex, Level 1 ZN102	79
Histopathology Complex, Level 2 ZN103	79
Histopathology Simple, Multiple Sites (Up to 5 sites) ZN101	79
Histopathology Simple, Single Site ZN100	79
Histoplasma Quantitative Antigen EIA [†] HISTOANT	61

CANINE & FELINE TEST LISTING

Hold Urine Culture for 48 hours 25000534	55
IgA, Canine IGA	71
IgG, Canine [†] IGG	71
IgG, IgA, IgM, Canine [†] IGGAM	71
Immunofixation Free Lt Chain Add-On [†] 25001431	71
Insulin:Glucose Ratio [†] MSUIG	51
Insulin-like Growth Factor [†] ILGROFAC	52
Iron Profile [†] IRONPRO	64
Iron, Serum/Plasma, Canine [†] IRON	64
Keppra Levels Peak & Trough Samples [†] KEPPRA	73
LC/Mass Spectrometry Toxicology Screen [†] LCMS	72
LDH [†] LDH	67
Leflunomide Level [†] LEFLUNO	72
<i>Leishmania</i> Titer IFA [†] LEISH	61
<i>Leptospira</i> Antibodies (IgM), Canine 6008	59
<i>Leptospira</i> Antibodies (IgM), Canine Add-on A6008	77
<i>Leptospira</i> MAT, 5 Serovar [†] 6164	59
<i>Leptospira</i> MAT, 5 Serovar & PCR [†] 6163	59
Levetiracetam (Keppra) [†] 6321	72
Lipid Profile [†] LIPIDPROF	70
Liver ClinChem 25000510	39
Low Molecular Weight Heparin [†] LMWHEPARIN	66
Luteinizing Hormone (LH), Canine/Feline LH	52
Lyme (<i>Borrelia</i>) Titer IFA [†] LYMEIFA	62
Lyme Multiplex Test, Canine [†] LYMEMPLX	59
Lymphoid Neoplasia PCR/PARR (T&B Cell) from Blood, Fluid, Cytopathology Sample [†] 6542	83
Lymphoid Neoplasia PCR/PARR (T&B cell) from Histopathology Sample [†] 6544	81
Magnesium 1016	69
Malignancy (Hypercalcemia) Panel [†] 6555	51
Mast Cell Tumor Prognostic Panel, Canine [†] 6540	82
Mature Cat ClinChem 25000482	39

CANINE & FELINE TEST LISTING

McMaster (Fecal Egg Counting) Test 2328	42
Melanoma Diagnostic Panel, Canine [†] 6425	82
Melanoma Prognostic Panel, Canine [†] 6426	81
Metabolic ClinChem 25000512	39
Metanephrines, Plasma-free [†] METAPLAS	54
Metanephrines, Urine Fractionated [†] METAUR	54
Methylmalonic Aciduria (Cobalamin Malabsorption) [†] COBMAL	84
Microbiota Dysbiosis Index, Canine [†] DYSINDEX	75
Mini Renal ClinChem 25000513	40
Modified Knott's Test for Microfilariae (Heartworm) 6225	38
Modified Knott's Test for Microfilariae (Heartworm) 6225	43
Modified Knott's Test with Quantification MODKNOTTSQ	74
<i>Mycobacterium</i> Culture [†] MYCO	56
<i>Mycoplasma</i> Culture [†] MYCOPLASCU	56
<i>Neospora caninum</i> IFA [†] NEO	60
Nephropathology (Renal) Panel ZN25000541	80
Neurology Infectious Disease Panel [†] NEUROID	59
New Zealand Export Panel I [†] NZECPN	62
New Zealand Export Panel II [†] NZECPN2	62
NSAID ClinChem 25000514	40
NT-proBNP [†] PROBNP	68
OFA Thyroid Panel, Canine [†] K9THYROID	53
O&P (Centrifugal Fecal Flotation) Panel 25001613	42
O&P (Centrifugal Fecal Flotation) with Direct Smear 25001614	42
O&P with HW & Tick 25001627	43
O&P with HW & Tick 25001627	45
O&P with HW & Tick 25001627	50
Osmolality [†] OSMOLAL	67
Ova and Parasite (Centrifugal Fecal Flotation) Test 2320A	42
Ova and Parasite (Centrifugal Fecal Flotation) Test and <i>Giardia</i> Antigen Test 2320	42
Ovarian Remnant Syndrome [†] OVRS	53

CANINE & FELINE TEST LISTING

Pancreatic Lipase Immunoreactivity (PLI), Canine (TX GI) [†] PLITX	75
Pancreatic Lipase Immunoreactivity (PLI), Feline (TX GI) [†] 7240	75
Parathyroid Hormone-Related Protein (PTHrP) [†] PTHRP	54
Parathyroid Panel [†] 6306	51
Pathologist Review PATH	38
Phenobarbital 1031	73
Phenobarbital Add-on A1031	77
Phenobarbital ClinChem 25000515	40
Phosphorus 1017	69
PLI and TLI, Feline (TX GI) [†] 7253	41
PLI, Cobalamin, and Folate, Canine/Feline (TX GI) [†] FEPLICOFOL	75
PLI, TLI, Cobalamin, and Folate, Canine (TX GI) [†] K9PTCFTX	75
PLI, TLI, Cobalamin, and Folate, Feline (TX GI) [†] 7251	41
Potassium 1018	69
Pre-Anesthetic ClinChem 25000516	40
Pregnancy Test (Relaxin), Canine/Feline 6009	53
Premium Thyroid Panel + TSH, Feline [†] 6550	51
Premium Thyroid Panel, Canine [†] 6545	52
Progesterone 5105	44
Protein C [†] PROC	64
Protein Electrophoresis 6345	71
Protein Electrophoresis Immunofix [†] 25001430	71
PT & aPTT 4101	64
Pyruvate Kinase Deficiency DNA Test [†] PYRUVATEDNA	84
Pythium Serology [†] OOPYTHIUM	62
Quantitative Copper (Blood or Tissue) [†] 6171	72
Rabies Antibody Endpoint (Not for Export) [†] 7206	62
Rabies Screen Titer (not for export) [†] 7205	60
Rabies Titer for Export [†] 7205E	59
Reflex Aerobic Culture (Contingent) 25000536	55
Renal ClinChem 25000479	39

CANINE & FELINE TEST LISTING

Reproductive Hormone Panel† RHP	53
Reticulocyte RETIC	38
Reticulocyte Count Add-on 25000525	78
<i>Rickettsia rickettsii</i> (RMSF) IFA† RMSFIFA	62
SDMA 7037	40
SDMA Add-on AN7037	76
Selenium† SELENIUM	85
Sodium 1019	69
Stone Analysis† 7032	57
Taurine:Plasma† TAURPLAS	85
Taurine (Plasma and Whole Blood)† TAUR	85
Taurine:Whole Blood† TAURWB	85
Technician Blood Smear Review SMREV	65
Testosterone, Baseline† TESTOS	53
Testosterone Post-HCG/GnRH† TESTPOST	54
Thiamine (Vitamin B1)† THIAMINE	85
Thyroglobulin Autoantibody† 6437	54
Thyroid Panel 25000484	44
Tick Panel Screening Test + Heartworm Antigen Test 1389	62
Tick Panel Screening Test 6002	45
Tick Panel Screening Test Add-on A6002	76
Tick Serology Panel 7185	58
Tick with HW 25001628	50
Tick with HW 25001628	58
TLI, Canine 6206	41
TLI Canine Add-on A6206	76
TLI, Cobalamin, and Folate, Canine 7252	75
TLI, Cobalamin, and Folate, Feline (TX GI)† F7251	75
Total Bilirubin 1021	69
Total Protein 1022	70
Total T3 (TT3), Canine/Feline† 1396	52

CANINE & FELINE TEST LISTING

Total T4 5102	44
Total T4 Add-on A5102	77
Toxic Heavy Metal Panel† 1395	73
Toxoplasma gondii ELISA† TOXAB189	58
Toxoplasma gondii ELISA (Canine) & Neospora caninum IFA† K9TOXOPL	61
Trace Element Screen† TMINPAN	85
Triglycerides 1023	40
Triglycerides Add-on A1023	76
Trypanosoma cruzi (Chagas Disease) IFA Titer† TCRUIFA	60
Trypsin-Like Immunoreactivity (TLI), Feline (TX GI)† 6203	75
TSH 5106	44
TSH Add-on A5106	77
Ureaplasma Culture† UREAPLASMACX	57
Urinalysis 3000	45
Urinalysis with Reflex UPC 25000521	45
Urinalysis with Urine Culture & Sensitivity 25001629	49
Urinalysis with Urine Culture & Sensitivity 25001629	57
Urinalysis with Urine Culture & Sensitivity 25001629	57
Urine Cortisol:Creatinine Ratio 3310	52
Urine Cortisol:Creatinine Ratio Add-on† A3310	78
Urine Culture and Sensitivity 7140	55
Urine Culture and Sensitivity Add-on A7140	77
Urine Electrolyte Panel (for Fractional Excretion)† FREXCRE	45
Urine Protein:Creatinine Ratio 1555	45
Urine Protein:Creatinine Ratio Add-on A1555	78
Vaccine Titer (Qualitative), Canine 6145	58
Vector Serology Panel, Canine† EXTENTICK	58
Visual Platelet Estimate 2211	65
Vitamin A† VITA	86
Vitamin D (25-hydroxyvitamin D3)† VITD	52

CANINE & FELINE TEST LISTING

Vitamin D Profile [†] VITP	54
Vitamin E [†] 2331	86
Vitamin E and Mineral Panel [†] VITEMINE	86
von Willebrand factor (vWF:Ag) [†] 4106	65
Zinc, Serum/Plasma [†] ZINC	72
Zonisamide [†] 6322	73
ZRL™ Adult 25000501	47
ZRL™ Adult Complete AWP	46
ZRL™ Adult Complete with O&P, HW, Tick 25001631	46
ZRL™ Adult with HW 25000502	47
ZRL™ Adult with O&P 25001630	47
ZRL™ Canine GI 25000491	49
ZRL™ Canine GI with O&P, <i>Giardia</i> 25001632	49
ZRL™ Coagulation Panel I COAG	63
ZRL™ Coagulation Panel II 1391	66
ZRL™ Critical Care 25000508	48
ZRL™ Feline GI 25000492	49
ZRL™ Feline GI with O&P, <i>Giardia</i> 25001633	49
ZRL™ Feline Hyperthyroid 25000490	48
ZRL™ Junior 25001634	46
ZRL™ Junior Complete JWP	46
ZRL™ Junior Complete with HW 25001642	46
ZRL™ Junior with HW 25001638	46
ZRL™ Junior with HW, Tick 25001639	46
ZRL™ Junior with O&P 25001635	46
ZRL™ Junior with O&P, <i>Giardia</i> , HW, Tick 25001637	46
ZRL™ Junior with O&P, HW, Tick 25001636	46
ZRL™ Junior with PT/aPTT 25001640	46
ZRL™ Junior with T4 25001641	46
ZRL™ Mature Cat 25000500	49
ZRL™ Metabolic 25000493	49

CANINE & FELINE TEST LISTING

ZRL™ Pre-Anesthetic 25000496	49
ZRL™ Renal 25000478	49
ZRL™ Senior SBASIC	47
ZRL™ Senior Complete SWP	47
ZRL™ Senior Complete O&P, HW, Tick, UPC 25001654	48
ZRL™ Senior Complete O&P with FeLV/FIV 25001646	48
ZRL™ Senior Complete O&P with FeLV/FIV, HW 25001647	48
ZRL™ Senior Complete O&P with fPLI 25001649	48
ZRL™ Senior Complete O&P with <i>Giardia</i> 25001650	48
ZRL™ Senior Complete O&P with <i>Giardia</i> , HW, Tick 25001651	48
ZRL™ Senior Complete O&P with HW 25001648	48
ZRL™ Senior Complete O&P with HW, Tick 25001652	48
ZRL™ Senior Complete O&P with HW, Tick, cPL, TG 25001653	48
ZRL™ Senior Complete with cPL, TG 25001655	47
ZRL™ Senior Complete with FT4 25001656	47
ZRL™ Senior Complete with HW, TG 25001657	47
ZRL™ Senior with FT4 25001645	48
ZRL™ Senior with O&P 25001643	47
ZRL™ Senior with O&P, HW 25001644	47

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Large Animal Tests	89
Acid-Fast Stain, Non-Avian/Reptile ACIDFAST	98
Aerobic and Anaerobic Culture 7135	97
Aerobic Culture 7156	97
Albumin 1001	103
Aldosterone Baseline [†] ALDOS	95
Allergy Panel, Equine [†] 6307	105
ALP (Alk Phos) 1003	103
Amylase (Mich. State Univ.) [†] 1004	97
Anaerobic Culture 7157	97
Anaerobic ID Add-on A7157	111
Anticoagulant (Rodenticide) [†] ANTICOAG	107
Anti-Müllerian Hormone, Equine [†] ANTIMULL	95
Antithrombin (AT3) [†] ANTTHRO3	92
Aspergillus Galactomannan Antigen EIA [†] ASPGUR	100
Aspergillus Titer AGID [†] ASP	99
AST 1005	103
Baermann Test (Lungworm) BAER	93
Basic CBC, Large Animal (Healthy Animals) 7000	91
Blastomyces Quantitative Antigen EIA [†] BLASTANT	99
Blood Culture 7150	98
Blood Lead [†] 6240	107
Buffy Coat 6295	91
BUN 1006	104
Calcium (Total Calcium) 1008	104
Caseous Lymphadenitis (Corynebacterium pseudotuberculosis) Titer [†] CALYMTTR	101
Centrifugal Fecal Flotation Test (O&P) & McMaster (Fecal Egg Counting) Test 25000487 ...	93
Chloride 1007	104
Cholesterol 1009	104
ClinChem 18, Large Animal CHEM18EQ	92

LARGE ANIMAL TEST LISTING

CO2 1020	105
Coccidioides Titer AGID [†] 6129	99
Coggins AGID, Electronic Submission E1560	99
Coggins AGID, Paper Submission COGAGID	99
Coggins ELISA, Electronic Submission E1561	99
Coggins ELISA, Paper Submission COGELISA	99
Complete Amino Acid Profile [†] COMPAA	105
Comprehensive CBC, Large Animal 8000	91
Cortisol Add-on A5101	111
Cortisol AM/PM, Equine AMPMEC	93
Cortisol (Baseline/Resting) 5101	93
Creatinine 1010	104
Creatinine Kinase (CK) 1011	104
Cryptococcus Antigen Titer by Latex Agglutination 7216	100
Cryptorchid Panel, Equine [†] EQCRYPTO	95
Cytopathology Complex 7201	109
Cytopathology Simple/Single Site 7120	109
Dermatopathology Panel (includes Histopathology & Dermatologist Consult) ZN400	109
Dermatophyte Culture 7160	98
Drug Screen, Firocoxib [†] DGSCRFIRO	106
Drug Screen, NSAIDs, Equine [†] DSNSAIDS	107
Drug Screen with Tranquilizers, NSAIDs [†] DSNSAIDTQ	106
Drugs of Abuse [†] DOA	107
Endogenous ACTH ENDOACTH	94
Equine Influenza (HAI) [†] EQINFLUENZA	101
Equine Metabolic Panel (ACTH, Insulin, Glucose) EQCUSHING	94
Equine Protozoal Myelitis IFA Titer (NeoFluor™) [†] NEOIFAT	101
Equine Protozoal Myelitis IFA Titer (SarcoFluor™) [†] SARCOIFAT	101
Equine Protozoal Myelitis IFA Titers (SarcoFluor™ & NeoFluor™) [†] EPMIFAT	100
Equine Uterine Culture 7154	97

LARGE ANIMAL TEST LISTING

Equine Viral Arteritis† EVA	99
Erythropoietin (EPO)† 50227	92
Estrogens, Total† EQEST	96
Exercise ClinChem, Large Animal 25000509	92
Fecal Culture 7155	98
Fecal Occult Blood 7255	93
Free (Ionized) Calcium IONISTAT	103
Free (Ionized) Calcium (Mich. State Univ.)† 6304	103
Free (Ionized) Calcium (Mich. State Univ.) Add-on† A6304	111
Free T4 5103	94
Free T4 Add-on A5103	111
Free T4 by ED† 6330	94
Fungal Culture 7145	98
Fungal Susceptibility 1 Drug† FUNGALSUS1	98
Fungal Susceptibility 2 Drugs† FUNGALSUS2	98
Fungal Susceptibility 3 Drugs† FUNGALSUS3	98
Gabapentin† GAB	107
Gastrin† GASTRIN	95
GCT Panel II, Equine† EQGCTPII	95
GGT 1013	104
GLDH 1040	104
Glucose 1014	104
High-Sensitivity Cardiac Troponin I† TROPONIN	103
Histopathology Complex, Level 1 ZN102	108
Histopathology Complex, Level 2 ZN103	108
Histopathology Simple, Multiple Sites (Up to 5 Sites) ZN101	108
Histopathology Simple, Single Site ZN100	108
Histoplasma Quantitative Antigen EIA† HISTOANT	100
Hold Urine Culture for 48 hours 25000534	97
IgG, Equine FOALIGG	106

LARGE ANIMAL TEST LISTING

IgG, Equine: Rapid, Semi-Quantitative FOALIGGRAP	106
IgM, Equine 25000540	106
Insulin, Equine 5104	96
Insulin:Glucose Ratio, Equine EQINSGLU	96
Insulin-like Growth Factor [†] ILGROFAC	95
Iron Profile [†] IRONPRO	91
Large Animal ClinChem 24 CHEM24EQ	92
Large Animal Exercise Bundle 25000489	90
Large Animal Liver ClinChem 25000511	92
Large Animal Metabolic Bundle 25000494	90
Large Animal Pre-Anesthetic Bundle 25000495	90
Large Animal Pre-Anesthetic ClinChem 25000486	92
Large Animal Renal Bundle I 25000497	90
Large Animal Renal Bundle II 25000498	90
Large Animal Renal ClinChem 25000485	92
Large Animal Wellness Bundle EQWP	90
LC/Mass Spectrometry Toxicology Screen [†] LCMS	107
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Leptospira MAT, 5 Serovar [†] 6164	100
Leptospira MAT, 5 Serovar & PCR [†] 6163	100
Lipid Profile [†] LIPIDPROF	105
Low Molecular Weight Heparin [†] LMWHEPARIN	92
Lyme Multiplex Test, Equine [†] LYMEMPLXEQ	100
Magnesium 1016	104
McMaster (Fecal Egg Counting) Test 2328	93
Metabolic Syndrome Panel I, Equine [†] CUSHING	94
Metanephrines, Plasma-free [†] METAPLAS	96
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Mycobacterium Culture [†] MYCO	98
Mycoplasma Culture [†] MYCOPLASCU	97

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Nephropathology (Renal) Panel ZN25000541	109
Oral Sugar Test (Insulin Testing), Equine [†] EQGLUCOSE	96
Osmolality [†] OSMOLAL	103
Ova and Parasite (Centrifugal Fecal Flotation) Test 2320A	93
Parathyroid Hormone-Related Protein (PTHrP) [†] PTHRP	96
Pathologist Review PATH	91
Phosphorus 1017	105
Potassium 1018	105
Potomac Horse Fever (<i>Neorickettsia risticii</i>) IFA [†] POTOMAC	101
Pregnancy Panel, Equine [†] 1387	95
Pregnant Mare Serum Gonadotropin (PMSG) [†] 1388	95
Progesterone 5105	93
Protein C [†] PROC	92
Protein Electrophoresis 6345	106
PT & aPTT 4101	91
<i>Pythium</i> Serology [†] OOPYTHIUM	101
Quantitative Copper (Blood or Tissue) [†] 6171	106
Reflex Aerobic Culture (Contingent) 25000536	97
Reproductive Hormone Panel [†] RHP	95
Reticulocyte RETIC	91
Reticulocyte Count Add-on 25000525	111
<i>Rhodococcus equi</i> ELISA [†] RHODOCOCCUS	101
<i>Sarcocystis neurona</i> by Western Blot [†] SNEURONA	100
Selenium [†] SELENIUM	110
Selenium and Trace Elements Screen [†] SELETREL	106
Serum Amyloid A (SAA), Equine [†] SAA	103
Sodium 1019	105
<i>Streptococcus equi</i> ELISA [†] STREPEQUI	101
Technician Blood Smear Review SMREV	91
Testosterone, Baseline [†] TESTOS	96

LARGE ANIMAL TEST LISTING

Testosterone Post-HCG/GnRH [†] TESTPOST	96
Thiamine (Vitamin B1) [†] THIAMINE	110
Thyroid Panel EQTHYROID	94
Total Bilirubin 1021	105
Total Protein 1022	105
Total T3 (TT3), Equine TT3	94
Total T4 5102	93
Total T4 Add-on A5102111
Toxic Heavy Metal Panel [†] 1395	107
Trace Element Screen [†] TMINPAN	110
TRH Stimulation Test for Equine Cushing's/PPID 2222	94
Triglycerides 1023	105
Triglycerides Add-on A1023111
Ureaplasma Culture [†] UREAPLASMACX	98
Urinalysis 3000	102
Urinalysis with Reflex UPC 25000521	102
Urine Culture and Sensitivity 7140	97
Urine Electrolyte Panel (for Fractional Excretion) [†] FREXCRE	102
Urine Protein:Creatinine Ratio 1555	102
Urine Protein:Creatinine Ratio Add-on A1555111
Vitamin A [†] VITA	110
Vitamin D (25-hydroxyvitamin D3) [†] VITD	95
Vitamin D Profile [†] VITP	96
Vitamin E [†] 2331	110
Vitamin E and Mineral Panel [†] VITEMINE	110
West Nile Virus IgM ELISA [†] WESTNILE	101
Zinc, Serum/Plasma [†] ZINC	107

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Adult Equine Diarrhea PCR Panel [†] 25001469	113
Anaplasma/Ehrlichia PCR [†] 25001470	113
Anemia PCR Panel, Canine [†] 25001471	113
Anemia PCR Panel, Feline [†] 25001472	113
Babesia spp (genus) PCR [†] 25001473	113
Bartonella spp (genus) PCR [†] 25001474	113
Blood Bank Disease PCR Panel, Canine [†] 25001475	113
Bordetella bronchiseptica PCR [†] 25001476	113
Borrelia burgdorferi (Lyme) PCR [†] 25001477	113
Brucella spp (genus) PCR [†] 25001478	114
Campylobacteri coli PCR [†] 25001480	114
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Canine Adenovirus PCR [†] 25001481	114
Canine Diarrhea PCR [†] with O&P, Giardia 25001623	114
Canine Distemper Virus (CDV) PCR [†] 25001482	114
Canine Herpesvirus 1 (CHV-1) PCR [†] 25001483	114
Canine Influenza PCR [†] 25001484	114
Canine Mycoplasma PCR [†] 25001485	115
Canine Neurological Disease, Central Nervous System PCR Panel [†] 25001486	115
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Canine Respiratory PCR Panel [†] 25001490	115
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Chlamydophila felis PCR [†] 25001492	115
Comprehensive (PCR and Serology) Vector Panel, Canine [†] K9FCOMP	116
Comprehensive (PCR and Serology) Vector Panel, Feline [†] FELVECTPNL	116
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<i>Cryptosporidium</i> spp (genus) PCR ⁺ 25001495	116
<i>Cytauxzoon felis</i> PCR ⁺ 25001496	116
<i>Ehrlichia</i> spp (genus) PCR ⁺ 25001498	116
<i>Encephalitozoon cuniculi</i> PCR ⁺ 25001499	116
Equine Abortion/Reproduction PCR Panel ⁺ 25001500	117
Equine Foal Diarrhea PCR Panel ⁺ 25001501	117
Equine Herpes Virus type 1 PCR ⁺ 25001502	117
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Equine Influenza PCR ⁺ 25001504	117
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<i>Leptospira</i> spp (genus) PCR [†] 25001527	120
<i>Listeria</i> spp (genus) PCR [†] 25001528	120
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<i>Mycoplasma</i> spp (genus) PCR [†] 25001530	120
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Vitamin D (25-Hydroxy) Mammals Only [†] 25001467127
Well Bird Panel Package [†] 25001468124



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