



BIOVET

A DIVISION OF ANTECH®



2024

DIRECTORY
OF PRODUCTS AND SERVICES

COMPANION ANIMAL AND EQUINE

PRICE EFFECTIVE FROM JANUARY 3, 2024



BIONET

Bionet customer portal now even more accessible.

To access our new portal, visit biovet.ca/en/bionet and:

- If you **already have access** > Click on the Log in button
- If you **DO NOT have access** > Download, complete, sign, and return the authorization form to receive your ID and password

For further information, feel free to contact us at bionet@biovet-inc.com.

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To reach us

Biovet has 2 laboratories in Quebec

Saint-Hyacinthe and Quebec City

We have the largest customized pickup network providing the transport of samples in Quebec, even in rural areas.

Ask for a pick up or contact Customer Service

Phone: 450 771-7291 or 1-888-824-6838 (Toll free)

Email: sac@biovet-inc.com

Fax: 450 771-4158

Address: 4375 Beaudry, Saint-Hyacinthe QC J2S 8W2 | 945 Newton Avenue, Local 126-127, Quebec QC G1P 4M3

Opening Hours

Monday to Friday: 8:00 a.m. to 21:00 p.m.

Saturday: 8:30 a.m. to 14:00 p.m.

Sunday: CLOSED

About Biovet

In October 2019, Antech Diagnostics, part of Mars Petcare, acquired Biovet. Joining with Antech is a natural blend of two like-minded organizations with a shared commitment to delivering innovation and quality to veterinarians, allowing them to deliver excellent, compassionate care to pets.

Biovet offers a full range of veterinary diagnostic services including hematology, biochemistry, microbiology, serology, molecular biology, endocrinology, coagulation and cytology. The analyses are performed on site by qualified technical personnel under the supervision of microbiologists and clinical pathologists certified by the American College of Veterinary Pathologists.

Our primary goal is to provide reliable analysis results in the shortest possible time. To this end, Biovet has set up an efficient and personalized sample collection system that makes it possible to reach a large number of veterinary clinics in Quebec. Your samples are analyzed upon receipt, and the results are transmitted to you by the method of your choice through the implementation of a computerized analysis management system. The Biovet laboratory also runs several internal and external quality controls, which ensure the accuracy of the results.

Biovet is proud to provide you with online access to your results. With Bionet, you can have fast, free and real-time access to your result reports, anytime, anywhere with an internet connection. For more information on the Bionet service, you can contact us at bionet@biovet-inc.com or call us at 1-888-824-6838. You can also visit us online at biovet.ca/en/bionet.

Animal health is important to us, which is why Biovet specialists (clinical pathologists and microbiologists) are available to answer your questions. Whether it's determining the best test to diagnose a given condition or interpreting the results, our team is here to assist you.

This User's Guidel contains information that is useful when dealing with Biovet. We are proud to be associated with your practice and we work continually on improving our services so that we may always better meet your needs.

The Team at Biovet

Legend

Samples

(B) Citrated plasma (blue top tube).

(L) Whole blood EDTA (lavender top).


(L) Plasma EDTA (lavender top tube + transferred to another plastic or glass tube).

(V) Heparinized whole blood (green top tube).

(G) Heparinized Plasma (green top tube + transferred to another plastic or glass tube).


(R) Serum (red top tube + transferred to another plastic or glass tube).

 Variety of samples that will be detailed in the test description.

 For analyzes done externally, it is best to contact us prior to submitting the sample to ensure availability of the test. Transport fee are excluded.

Note: for an adequate anticoagulant: blood ratio, the tube should be filled at least up to the label.

Turnaround Time (TAT)

 Result on the day of receipt

h Hour

D Day

W Week

Abbreviations

Ag Antigen

Ab Antibody

ELISA Enzyme-linked immunosorbent assay

IFA Immuno-Fluorescent Assay

IHA Inhibition of Haemagglutination Assay

MFIA Multiplexed Fluorometric Immunoassay

★ New

PCR Polymerase Chain Reaction

qPCR Quantitative Polymerase Chain Reaction

SN Seroneutralization



BIOVET

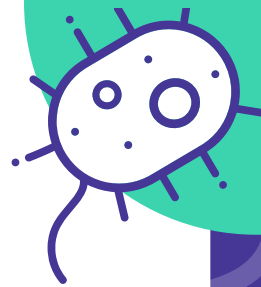
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KeyScreen® GI Parasites PCR

Pioneering the most comprehensive gastrointestinal parasites screening

We have an innovative solution

- **Detects 20 parasites**, including hookworms, roundworms, whipworms, protozoa, Giardia, coccidia and tapeworms.
- **Identifies resistance to benzimidazole** (e.g. fenbendazole).
- **Determines zoonotic potential for Giardia** and identifies several parasites with zoonotic potential.
- **2.5 times more pests detected** than by the standard flotation method.



Product Information

CODE DCAN-20259	TURNAROUND Between 24 and 48 hours	SCHEDULE Monday to Friday	SAPMPLE 1 grams feces
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For more information,
contact your Sales representative at
sales@biovet-inc.com

Guide For Tubes and Other Sampling Material



Shipping bags for samples

Description: Ziploc Shipping bags for samples, with pocket for request form.

Usage: IMPORTANT, USE ONLY ONE BAG OF SAMPLES PER REQUEST FORM.



Shipping bags for samples

Description: Ziploc Shipping bags for samples, with pocket for request form.

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Lavander Tube (10 mL or 3 mL)

Description: collection tube with lavender cap containing EDTA.

Usage: For tests requiring EDTA plasma or EDTA whole blood - full hematology and some biochemistry tests. For cytology of body fluids including thoracic, abdominal, synovial fluids, cystic or cavity fluids (except for urine cytology which must be submitted in a red cap tube or sterile jar).



Red top Tube (8 mL or 3 mL)

Description: anticoagulant-free or additive-free sampling tube.

Usage: For tests requiring serum.



Green Tube (3 mL)

Description: Sampling tube with green cap containing heparin.

Usage: For tests requiring heparinated plasma or whole heparinated blood.



SST Tube (8.5 mL or 3.5 mL)

Description: SST sampling tube (Tube with Serum Separator) containing a gel separating red blood cells from the serum after centrifugation.

Usage: For tests requiring serum.



Sterile container (100 ml)

Description: Plastic Sterile container.

Usage: For urine tests, parasitologies of small exotic animals or animals, urine cultures for urine tests, parasitologies of small exotic animals or animals, urine cultures, feces or biopsies, feces tests by PCR.

Comment: Store urine and stool samples between 4°C and 8°C for culture and PCR testing.



Container pre-filled with formaldehyde for specimens for histopathology (40 ml, 60 ml, 90 ml or 120 ml)

Description: The amount of formaldehyde in the specimen container is about half the volume of the container .

Usage: For histopathological analyses.

Comment: The volume of formaldehyde should be 10 times that of the tissue.



Fecal Containers (30mL)

Description: Fecal Containers 30mL without additive, Attached Screw Cap with Spoon.

Usage: Recommended to collect feces samples for bacteriological or PCR analysis.

Comment: This container can also be used for stool collection for fecal parasite detection in cats and dogs.



SAF container*

Description: Tube containing 15 mL of SAF.

Usage: For the removal and preservation of fecal parasites in the feces of cats and dogs.

Comment: For the feces for bacteriological, PCR or of exotic animals, it is recommended to submit the sample in a Fecal Containers (blue cap).

*Sodium acetate-acetic acid-formalin with the transport environment for a culture.



Swab with transport medium

Description: Swab and tube with Amies transport medium with or without charcoal.

Usage: For aerobic or anaerobic culture.

Comment: Keep the swab between 2 and 8 °C. Punch biopsy biopsies can be submitted on a swab in contact with the transport environment for a culture.



Sterile swab without transport medium

Description: Sterile swab without a transport medium for PCR tests (e.g.) ocular swab, pharyngeal or conjunctival).

Usage: For PCR analysis.

Comment: Keep the swab between 2 and 8 °C.



EZTest - Steam

Description: EZTest is a self-contained biological indicator for monitoring sterilization.

Usage: Return the EZTest – cycle for Autoclave Quality Assurance Program, see Microbiology section.

Comment: Available at Biovet, to order: order@biovet-inc.com



★One-bottle, blood culture system

Description: Système de bouteille pour hémoculture facile à utiliser.

Usage: Detection of bacteria in blood and sterile body fluids.

Comment: Available at Biovet, to order: order@biovet-inc.com

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Companion Animal – Test Offers

Our Profiles and Their Components

CODE	TEST NAME	PRICE	Complete CBC	Urinalysis	Patho.'s comments	DGGR Lipase	SDMA	Albumin	ALP	ALT	Creatinine	Glucose	Total Proteins	BUN	Globulins	Cholesterol	Calcium	Phosphorus	A/G Ratio	Na/K Ratio	Sodium	Potassium	TCO2	Gap	Chloride	Amylase	Total Bilirubin	GGT	AST	dir. ind. Bilirubin	Creatine Kinase (CK)	Total or Free T4	Prot./creat. Ratio			
HEALTH PROFILES																																				
BV1002	Biovet Complete	98.05 \$	•	•			•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•											
BV1022	Biovet Complete & DGGR Lipase	114.40 \$	•	•	•		•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•											
BV1023	Biovet Complete & SDMA	103.50 \$	•	•		•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•											
BV1012	Biovet Complete & T4	123.70 \$	•	•			•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•							•				
BV1025	Biovet Complete & T4 & SDMA	130.75 \$	•	•		•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•							•				
BV1024	Biovet Complete & T4 & TSH	165.65 \$	•	•			•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•							•				
BV1011	Ultra Complete	123.70 \$	•	•	•		•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•											
BV1015	Health Profile #1	102.75 \$	•		•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•									
BV1016	Health Profile #2	115.50 \$	•		•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•			
BV1017	Health Profile #3	129.65 \$	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•		
BV1018	Health Profile #4	130.75 \$	•		•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	T		
BV1019	Health Profile #5	144.90 \$	•		•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	T	•	
BV1020	Health Profile #6	134.35 \$	•		•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•		
BV1001	Chemistry	84.95 \$						•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•		
BV1021	Chemistry +	103.50 \$	•					•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•		
PRE-OP PROFILES																																				
BV1026	PM 9*	50.75 \$						•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	
BV1028	PM 9 +*	70.35 \$	•					•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	
BV1027	PM 15*	66.00 \$					•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
BV1029	PM 15 +*	83.70 \$	•				•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
BV1005	Preanesthesia/Mini-Profile	55.55 \$						•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
BV1010	Pre-Op	63.50 \$	Ht					•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
BV1009	Pre-Op +	68.15 \$	•					•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
RENAL PROFILES																																				
BV1004	Renal	60.50 \$						•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
BV1030	Renal & SDMA	67.05 \$				•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
BV1032	Renal +	79.05 \$	•				•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
BV1033	Renal + & SDMA	84.95 \$	•			•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
BV1031	Renal Mini-Profile	48.25 \$					•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
BV1099	Renal Mini-Profile & Urinalysis	67.05 \$	•	•				•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•

CODE	TEST NAME	PRICE	Hémato. complète	Urologie complète	Interprétation patho.	Lipase DGGR	SDMA	Albumine	ALP	ALT	Créatinine	Glucose	Protéines totales	Urée	Globulines	Cholestérol	Calcium	Phosphore	Rapport A/G	Rapport Na/K	Sodium	Potassium	TCO2	Gap anionique	Chlore	Amylase	Bilirubine totale	GGT	AST	Bilirubine dir. ind.	Créatine Kinase (CK)	T4 Totale ou libre	Ratio Prot./créat.		
GERIATRIC PROFILES																																			
BV1008	Geriatric Panel	107.35 \$	•				•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•									•	
BV1038	Geriatric Panel & SDMA	112.80 \$	•				•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•									•	
BV1035	Geriatric & DGGR Lipase	138.40 \$	•			•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•									•	
BV1036	Geriatric & Urinalysis	128.55 \$	•	•			•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•									•	
BV1037	Geriatric Ultracomplete	139.45 \$	•	•			•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•								•	•	
GASTROINTESTINAL PROFILES																																			
BV1007	Chem.- Pancreatic	89.35 \$				•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•		
BV1043	Chem.- Pancreatic +	107.85 \$	•			•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	
BV1039	Gastro-Intestinal	140.05 \$	•	•		•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	
BV1044	Gastro-Intestinal & Parasitology	158.60 \$	•	•		•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	
BV1006	Hepatic	73.30 \$					•	•	•		•	•	•	•	•	•		•	•	•	•	•		•	•	•	•	•	•	•	•	•	•		
BV1045	Hepatic +	95.40 \$	•				•	•	•		•	•	•	•	•	•		•	•	•	•	•		•	•	•	•	•	•	•	•	•	•		
BV1110	Hepatic With Phenobarbital	104.90 \$					•	•	•		•	•	•	•	•	•		•	•	•	•	•		•	•	•	•	•	•	•	•	•	•		
BV1040	Complete Pancreatic	136.20 \$	•	•		•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	
BV1046	Pancreatic Profile & T4	143.85 \$	•			•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	T
BV1047	Pancreatic Profile & Urinalysis	161.25 \$	•	•		•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	T
BV1041	Pancreatic Profile & Fiv / Felv	163.45 \$	•			•	•	•	•		•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	T	
BV1042	Vomiting/Anorexia/Diarrhea	123.70 \$	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•										
BV1048	Vad & Urinalysis	134.00 \$	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•										

For these profiles:

Sample: 1,0 mL Serum (R) • Turnaround Time [🕒](#)

Complete Hematology or (Ht) hematocrit: add 1.0 mL Whole blood EDTA (L)

Urinalysis: 5,0 mL Fresh urine

+: Profiles include a Complete Hematology


*PM 9 = formerly PM 6 and PM 15 formerly PM 12

COMPLETE YOUR PROFILES WITH THESE ADD-ONS**		
CADD90	DGGR Lipase	\$27.80
BVAD02	Feline Viral Profile II	\$70.30
CADD260	Fructosamin	\$47.15
CADD350	Keyscreen GI Parasite qPCR	\$72.50
BVAD09	Parasitology	\$30.45
BVAD01	SDMA	\$27.80
CADD190	Total T4	\$39.80
CADD200	TSH (Endogenous)	\$53.95
CADD220	Urinalysis	\$36.50
CADD230	Urinary proteins/creatinine ratio	\$37.60

**To obtain the Add-On price, the clinic must have performed a blood test with Biovet blood analyser or at the Biovet laboratory. If the clinic has performed the blood test with the analyser, the results must be provided as evidence. The blood test and add-on analysis must be for the same animal. The clinic has 72 hours after the blood test to request an Add-On analysis.





Companion Animal – Test Offers

CODE	TEST NAME - DESCRIPTION	SPECIMEN	TAT	LIST PRICE
OTHER PROFILES				
BV1247	Anemia profile (Feline - PCR) Includes Anaplasma spp, Bartonella, Cytauxzoon felis, Ehrlichia spp, Hemotropic mycoplasmas (PCR) and FIV/FeLV (ELISA).	2 mL EDTA whole blood (L)	48 h	\$81.70
BV1102	Annual preventive health checkup - canine Includes Anaplasma spp, Bartonella, Cytauxzoon felis, Ehrlichia spp, Hemotropic mycoplasmas (PCR) and FIV/FeLV (ELISA).	1.0 mL EDTA whole blood (L) + 1.0 mL Serum (R) + 5 g Feces	🕒	\$177.60
BV1104	Annual preventive health checkup - geriatric feline Includes Biovet complete profile + T4 + SDMA + Heartworm + Lyme + Ehrlichia + Anaplasma + Parasitology	1.0 mL EDTA whole blood (L) + 1.0 mL serum (R) + 5 g Feces + 5mL Urine	🕒	\$168.90
BV1103	Annual preventive health checkup - Young active feline Includes Biovet complete Profile + Parasitology + FIV/FeLV	1.0 mL (L) + 1.0 mL serum (R) + 5 g Feces	🕒	\$170.00
CBC, see HEMATOLOGY section				
Digestive profile (diarrhea) qPCR canine or feline and Digestive profile qPCR & parasitology canine or feline, see PCR section				
BV1003	Electrolytic Profile Includes Ca, Cl, Gap, K, Na, Phos, Rapport Na/K, TCO2	1.0 mL serum (R)	🕒	\$49.30
CS86698	Hypercalcemia Profile 📄 Includes ionized Ca, PTH et PTHrp. Centrifuge the samples within one hour of collection. Label plastic tubes serum and EDTA plasma. Freeze. Fasting recommended to avoid lipemia. Avoid hemolysis. This test is done externally.	1.0 mL serum (R) + 0.5 mL EDTA Plasma (V)	1 W	\$235.65
Respiratory profile canine or feline, see PCR section				
CSA401	Thyroid Profile Includes T4 (total or free) and TSH (canine)	0.5 mL serum (R)	🕒	\$83.40
CSA1528	Thyroid Profile OFA 📄 Contact the laboratory before sampling. Have to use OFA request form. Includes Free T4 equilibrium dialysis, TSH & TGAA. This test is done externally. Excluding OFA certification.	2.0 mL serum (R)	1 W	\$219.05
CSA260	Viral Profile II (Feline) Includes FIV and FeLV.	0.5 mL serum (R) or EDTA Plasma or EDTA whole blood (L)	🕒	\$90.40
BVAD02	Add-on Feline Viral Profile II			\$70.30
BV1049	Viral Profile III (Feline) Includes FIV, FeLV, coronavirus (by IFAT). *Result on the same day for FIV and FeLV but 1 week for coronavirus.	0,5 mL serum (R)	🕒*	\$130.75
CHEMISTRY				
CT010	Albumin Avoid hemolysis.	0.3 mL serum (R)	🕒	\$31.05
CT020	ALP (Alkaline phosphatase) Refrigerate or freeze.	0.3 mL serum (R)	🕒	\$31.05
BV1114	Combo ALP-ALT		🕒	\$37.60
CT030	ALT Éviter l'hémolyse.	0.3 mL serum (R)	🕒	\$31.05
BV1114	Combo ALP-ALT		🕒	\$37.60
CT040	Amylase Avoid hemolysis.	0.3 mL serum (R)	🕒	\$31.05
CT060	AST Avoid hemolysis.	0.3 mL serum (R)	🕒	\$31.05
CT225	Bile Acids (baseline) Avoid hemolysis. Keep cool.	0.5 mL serum (R)	🕒	\$63.50

CODE	TEST NAME • DESCRIPTION	SPECIMEN	TAT	LIST PRICE
CT220	Bile Acids (pre- and post-prandial) Take the first blood sample after a 12-hour fast. Feed the animal (2 tsp of food if less than 10 lbs and 2 tbsp of food if more than 10 lbs) and take the second sample 2 hours after the meal. Centrifuge. Transfer the serum to another tube. Identify the tubes pre-prandial and post-prandial. Avoid hemolysis. Keep cool.	0.5 mL serum (R)	⌚	\$83.40
CT070	Bilirubin, Direct	0.3 mL serum (R)	⌚	\$31.05
CT090	Bilirubin, Total Avoid hemolysis.	0.3 mL serum (R)	⌚	\$31.05
CT080	Bilirubin (dir., Indir., Tot.) Avoid hemolysis.	0.3 mL serum (R)	⌚	\$51.20
CT100	BUN (urea) Avoid hemolysis.	0.3 mL serum (R)	⌚	\$31.05
CT105	Combo BUN-Creatinine		⌚	\$37.60
CS86344	C-reactive Protein (CRP)  Fasting (12 hours) serum; DOGS ONLY. This test is done externally.	1.0 mL Citrated plasma (B)	1 W	\$43.05
	C Protein, see Hematology section			
CT110	Calcium (total) Avoid lipemia.	0.3 mL serum (R)	⌚	\$31.05
CS18537	Calcium, ionized Fasting is necessary. Avoid hemolysis and lipemia. <ul style="list-style-type: none"> Do not open cap Sample requirement for accurate measurement of ionized calcium (iCa2+) is serum that has been anaerobically transferred from the spun SST or RTT (using a needle and syringe to avoid air exposure) into a plain unopened red-top vacutainer. Puncture the stopper with the syringe needle and allow the serum to be transferred under pressure. Do NOT open this tube prior to testing. Please boldly label the sample tube as IONIZED CALCIUM SERUM and keep frozen or refrigerate. Samples that have been exposed to air may have artifactually decreased (iCa2+) and those transported in SST tubes may have been artifactually increased (iCa2+). † The tube submitted for this test will be used ONLY for this analysis, if you require other tests, please provide another tube.	0.5 mL serum (R) [†]	3 D	\$93.70
CT120	Chloride	0.3 mL serum (R)	⌚	\$31.05
CT125	Cholesterol	0.3 mL serum (R)	⌚	\$31.05
	CO2, see TCO2			
	Cobalamine, see Folate + cobalamine			
CT130	Creatine Kinase (CK)	0.3 mL serum (R)	⌚	\$31.05
CT135	Creatinine	0.3 mL serum (R)	⌚	\$31.05
CT105	Combo BUN-Creatinine			\$37.60
CS16195	Folate + cobalamine (vitamin B12) A 12-hour fast is recommended. Avoid hemolysis. Separate the serum from the RBCs and freeze. Protect from light by covering the tube with aluminum foil.	1,0 mL sérum (R)	3 D	\$118.90
CS16345	Fructosamine (canine or feline) Keep cool.	0.5 mL serum (R)	2 D	\$57.75
CADD260	Add-on Fructosamine (canine or feline)			\$47.15
CT145	GGT Avoid hemolysis.	0.3 mL serum (R)	⌚	\$31.05
CT011	Globulins (Alb & PT) Refrigerate or freeze.	0.3 mL serum (R)	⌚	\$39.20





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CODE	TEST NAME - DESCRIPTION	SPECIMEN	TAT	LIST PRICE
CT150	Glucose Avoid hemolysis, quickly separate the serum/plasma from the red blood cells.	0.3 mL serum (R)	🕒	\$31.05
CT155	Iron Avoid hemolysis.	0,5 mL sérum (R)	4 D	\$44.65
CT160	LDH (Lactate dehydrogenase) Avoid hemolysis.	0.3 mL serum (R)	🕒	\$31.05
CT165	Lipase, DGGR Avoid hemolysis.	0.3 mL serum (R)	🕒	\$34.05
CADD90	Add-on Lipase DGGR		🕒	\$27.80
CT170	Magnesium Avoid hemolysis.	0.3 mL serum (R)	🕒	\$31.05
CT180	Phosphorus Avoid hemolysis.	0.3 mL serum (R)	🕒	\$31.05
	PLI (canine or feline), see Lipase, DGGR			
CT185	Potassium Avoid hemolysis.	0.3 mL serum (R)	🕒	\$31.05
CT240	Protein electrophoresis Keep cool.	1.0 mL serum (R)	4 D	\$113.35
CT190	Total Proteins Avoid hemolysis and lipemia.	0.3 mL serum (R)	🕒	\$31.05
	Bile Acids/creatinine Ratio, see UROLOGIE section			
CT1035	SDMA Avoid hemolysis.	0.5 mL serum (R)	🕒	\$31.05
BVAD01	Add-on SDMA			\$27.80
CT195	Sodium	0.3 mL serum (R)	🕒	\$31.05
CT115	TCO2 (Bicarbonates) Avoid contact with air. Tightly closed tube.	0.3 mL serum (R)	🕒	\$31.05
CT230	TLI (canine)	0.3 mL serum (R)	1 W	\$105.70
CS16800	TLI (feline) Fast 12-18 h. Avoid hemolysis.	0.5 mL serum (R)	1 Ws	\$134.95
CT205	Triglycerides Fast 12-18 h	0.3 mL serum (R)	🕒	\$31.05
	Urea, see BUN			
CT210	Uric acid	0.3 mL serum (R)	🕒	\$31.05
	Urinary proteins/creatinine ratio, see UROLOGY section			
	Vitamine B12, see Folate + cobalamine			
BV7080	Zinc 📄 This test is done externally.	0,5 mL sérum (R)	1 W	46.80 \$
ENDOCRINOLOGY				
CT435	ACTH (endogenous) Fast. Collect blood in an EDTA tube. Centrifuge immediately, separate into a plastic tube and freeze.	1.0 mL Plasma EDTA (L)	4 D	\$115.50
CS87151	Aldosterone 📄 EDTA plasma (ideal sample but can be done on serum). Centrifuge and separate the plasma within 30 minutes of collection. Transfer to a plastic tube. Freeze. This test is done externally.	1.0 mL plasma EDTA (L) transferred to plastic tube	1 W	\$142.75
CT445	Cortisol	0.5 mL serum (R)	🕒	\$54.75

CODE	TEST NAME • DESCRIPTION	SPECIMEN	TAT	LIST PRICE
CT440	Cortisol (ACTH stimulation) Pre and post Several companies offer different ACTH products. The ACTH-stimulation protocol varies depending on the product used. Synacthen can be used. There are two types of Synacthen: Synacthen Depot (gel) and Synacthen. The dosage of Synacthen Depot is 0.25 - 0.5 mg IM (0.25 mg if less than 15 lbs and 0.5 mg if more than 15 lbs). Cortisol is measured at 0 and 2 (two) hours post synacthen deposition. Synacthen can be used in the same way as cortrosyn (0.25 mg IM or IV). Cortisol is measured at time 0 and 1 (one) hour post synacthen. Cortrosyn (synthetic ACTH) can also be used. Administer 250 µg (1 vial) of Cortrosyn (synthetic ACTH) intramuscularly (or 5 µg / kg up to a maximum of 250 µg). Samples should be taken just before ACTH injection and 1 (one) hour later. The dosage for corticotropin (Bexco, formulation 40 U / ml) is 2.2 IU / kg (max 40 IU) I.M. Cortisol is measured at time 0, 1 and 2 (two) hours post-injection. IDENTIFY THE PRE AND POST TUBES OR TIME 0, TIME 1 AND TIME 2	0.5 mL serum (R)	🕒	\$91.50
CDEX3	Cortisol (dexamethasone suppression test low dose) Administer 0.1 mg / kg dexamethasone intravenously. Samples should be taken at 0, 4 and 8 hours. In cats, it is better to use a dose of 0.1 mg / kg. IDENTIFY THE 0 HOUR AND 8 HOURS TUBES.	0.5 mL serum (R)	🕒	\$125.90
CDEX2	Cortisol (dexamethasone suppression test high dose) Pre and post	0.5 mL serum (R)	🕒	\$91.50
	Pre and 2 post Administer 0.01 mg / kg dexamethasone intravenously. Samples should be taken at 0, 4 and 8 hours. In cats, it is better to use a dose of 0.1 mg / kg. IDENTIFY THE 0 HOUR, 4 HOURS AND 8 HOURS TUBES.			\$125.90
CS16295	Estradiol  This test is done externally. Freeze.	0.5 mL serum (R)	1 W	\$117.65
CT499	Free T4	0.3 mL serum (R)	🕒	\$69.70
CSA401	Thyroid Profile (T4 + TSH)			\$83.40
CS16350	Gastrine  Fasting 24 hours. Get a sample the day after. Transfer the serum into a plastic tube. Freeze. Submit with ice packs. May be falsely increased if patient receives Cimetadine. This test is done externally.	0.5 mL serum (R)	1-2 W	\$153.65
CT470	Insulin and glucose Animal should be fasted prior to sampling. Centrifuge, separate and freeze in a plastic tube. Take blood when the patient is hypoglycemic.	1.0 mL serum (R)	3 D	\$118.75
CS16595	Parathyroid hormone (PTH) + ionized calcium  Fasting 12 hours. Centrifuge and separate the serum. Freeze in a plastic tube. Avoid hemolysis and lipemia. This test is done externally.	1.0 mL serum (R)	1 W	\$170.90
CS16596	Parathormone-related peptide (PTH-rp)  Collect blood in an EDTA tube. Centrifuge within 60 minutes of collection. Separate the plasma into a plastic tube. Identify EDTA plasma. Freeze. Ship with ice packs. Avoid hemolysis and lipemia. Fast is necessary to avoid lipemia. If the sample is non-lipemic, fasting is not necessary. This test is done externally.	1.0 mL plasma EDTA (L) transferred to plastic tube	1 W	\$182.00
CT475	Progesterone Do NOT use SST tube. Centrifuge and separate quickly.	0.5 mL serum (R)	🕒	\$79.50


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CODE	TEST NAME - DESCRIPTION	SPECIMEN	TAT	LIST PRICE
CT9810	Relaxin (pregnancy) Canine: A positive test indicates a pregnancy (few false positives). A negative result obtained 30 days after mating should be repeated within a week. False negatives can occur occasionally in small litters. Feline: Preliminary studies report a sensitivity of 100% and a specificity of 91% (9% false positive) for pregnancy when the cat is tested 25 days post-mating.	0.3 mL serum (R)	1 W	\$132.95
CT485	T3 AA	0.5 mL serum (R)	1 W	\$102.40
CT500	T4 AA	0.3 mL serum (R)	1 W	\$105.70
CT480	Total T3	0.3 mL serum (R)	1 W	\$66.45
CT460	Free T4 equilibrium dialysis (canine & feline) Keep cool.	0.3 mL serum (R)	4 D	\$124.80
CT495	Total T4	0.3 mL serum (R)	🕒	\$50.10
CADD190	Add-on Total T4			\$39.80
CSA401	Thyroid Profile (T4 + TSH)			\$83.40
CS16760	Testosterone Keep cool.	1.5 mL serum (R)	3 D	\$121.75
BV7081	Testosterone hCG stimulation (2 samples) 1.5 mL f serum per sample. Refrigerate or freeze. Ship on ice pack.	2 échantillons de 1,5 mL sérum (R)	8 D	\$153.30
CT510	TSH (endogenous, canine)	0.3 mL serum (R)	🕒	\$67.15
CADD200	Add-on TSH			\$53.95
CSA401	Thyroid Profile (T4 + TSH)			\$83.40
HEMATOLOGY				
CT330	CBC (Complete Blood count) If possible, submit 2 blood smears, not stained, immediately after collection with EDTA blood. The EDTA tube should be kept cold. Avoid lipemia, sample <48 hours. Includes leukocyte, platelet and erythrocyte counts (Gr, Hb, Ht, CGMH, VGM), differential, microscopic examination, reticulocyte count (if anemia).	1.0 mL Whole Blood (L)	🕒	\$48.25
CT331	CBC with Pathologist's comments			\$65.65
BV1050	CBC with feline Hemotropic mycoplasmas			\$103.50
BV1051	CBC without diff The EDTA tube should be kept cold. Avoid lipemia, sample <48 hours. Includes leukocyte, platelets and erythrocyte counts (Gr, Hb, Ht, CGMH, VGM), reticulocyte count (if anemia).	1.0 mL Whole Blood (L)	🕒	\$36.25
Babesia (smear), see Parasitology section				
CREVW	Blood smear evaluation (pathologist) Submit a blood smear or whole blood EDTA. Also submit internal analyzer results if available.	Smear or whole blood EDTA (L)	🕒	\$48.25
CT315	Blood typing (canine) 📄 This test is done externally.	1.0 to 3.0 mL whole blood EDTA (L)	5 D	\$144.90
CT320	Blood typing (feline)	1.0 mL whole blood EDTA (L)	🕒	\$153.15
CT325	Buffy Coat Keep cool.	1.0 mL whole blood EDTA (L)	🕒	\$53.95
CS86149	C Protein 📄 Plasma centrifuged, separated (in a plastic tube) and refrigerate. Submit with ice-packs. This test is done externally.	1.0 mL Citrated plasma (B)	1 s	\$158.00
CT415	Coagulation (PT, PTT)			\$63.50

CODE	TEST NAME • DESCRIPTION	SPECIMEN	TAT	LIST PRICE
CSA305	<p>Coagulation (PT, PTT) with Platelets For these tests (mainly for PT and PTT), a good plasma sampling and submission method is absolutely essential to obtain reliable results. Coagulation factors can be destroyed by heat or activated by contact with glass surfaces and clot formation in the sample. Reliable results can be obtained if the following guidelines are followed:</p> <ol style="list-style-type: none"> Do not dose von Willebrand factor in bitch in heat, pregnancy or lactation. For PT, PTT and vWF tests it is essential to collect the blood in a citrate tube (blue top tube). These tubes (as well as plastic tubes) are available at no charge from customer service upon request. A clean puncture of the vein must be performed. Repeatedly puncturing the vein walls or a slow blood flow can activate the coagulation cascade. <ul style="list-style-type: none"> If you use vacutainer tubes, it will be important to completely fill the citrated tube in order to respect the citrate ratio: 1: 9. If you use screw-cap tubes and a syringe, it will be important to fill the tube to the top edge of the label to respect the citrate: blood ratio. Less than 15 minutes after collection, centrifuge tubes for 15 minutes at 3000 RPM. Keep the cap on the tube during centrifugation. When separating plasma, it is important not to aspirate red blood cells. If the plasma is hemolyzed or contains clots, the sample should be taken again. At least 0.4 ml of plasma is needed to perform the tests. For separation, the plasma must be collected with a plastic pipette and placed in a plastic tube. Clearly identify the tube with the patient's name, age and time of collection, and indicate citrated plasma on the tube to be submitted. If you do not have plastic tubes, you can use a citrated tube previously emptied of its anticoagulant. Freeze sample and send on ice. For PT and PTT tests, each Patient sample must be accompanied by a Control sample. The control sample is a sample of citrated plasma taken from a healthy animal of the same species as your patient and handled in the same way as the sample of the sick patient. This sample is analyzed at the same time as the patient's and ensures that sampling, centrifugation and transport did not alter the sample. PT and PTT testing costs include the analysis of the control sample. A lavender tube (whole blood EDTA) is preferably required for platelet counting, but it can also be performed on a green-top tube (whole heparinized blood). 	1.0 mL Citrated plasma (B) + 1.0 mL Whole Blood EDTA (L)	1 D	\$88.25
CT340	<p>Crossmatch Submit blood from donor and recipient.</p>	0.5 mL Whole Blood EDTA or EDTA plasma (L)	3 D	U.R.
CT540	<p>Coombs  Keep cool. This test is done externally.</p>	canine: 2.0 mL, feline: 1.0 mL Whole Blood EDTA (L)		\$110.05
CT375	<p>Hematocrit Keep cool.</p>	1.0 mL whole blood EDTA (L)		\$23.95
Hemobartonellosis, see Hemotropic mycoplasmas				
CT380	<p>Hemotropic mycoplasmas (smear - Feline) Ideally: Blood smear with capillary blood (e.g., ear) done immediately after collection, no anticoagulant. A series of smears (over several days) increases the chances of detection. Keep cool.</p>	1.0 mL whole blood EDTA (L)		\$33.75
Hemotropic mycoplasmas (PCR), see in PCR section				
CT385	<p>Hemoglobin Keep cool, avoid lipemia.</p>	1.0 mL whole blood EDTA (L)		\$20.15

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CODE	TEST NAME • DESCRIPTION	SPECIMEN	TAT	LIST PRICE
CT400	Platelets Keep cool.	1.0 mL whole blood EDTA (L)	🕒	\$34.85
CT410	PT Submit with a control sample. Centrifuged, separated and frozen plasma: Follow procedures for coagulation tests.	1.0 mL Citrated plasma (B)	1 D	\$55.55
CT395	PTT Submit with a control sample. Centrifuged, separated and frozen plasma: Follow procedures for coagulation tests.	1.0 mL Citrated plasma (B)	1 D	\$55.55
CT425	Reticulocyte Keep cool.	1.0 mL whole blood EDTA (L)	🕒	\$30.00
CS17123	Von Willebrand Facteur ELISA 📄 Centrifuged, separated and frozen plasma. No hemolysis. Do not collect during pregnancy or heat in bitches. This test is done externally.	1.0 mL Citrated plasma (B)	1 W	\$151.30
Von Willebrand PCR, see PCR section				
CT430	WBC Keep cool.	1.0 mL whole blood EDTA (L)	🕒	\$27.80
BV1115	WBC & diff Keep cool.	1.0 mL whole blood EDTA (L)	🕒	\$34.05
DRUGS				
CS18702	Cyclosporine 📄 This test is done externally. Refrigerate. Do not freeze.	0,5 mL whole blood EDTA (L)	1 W	\$187.45
CT735	Digoxin For drug dosages, do not use SST tubes (with separator gel) as they can falsely lower the concentrations. Glass tube preferable.	0.5 mL serum (R)	4 - 6 D	\$104.60
CS86541	Levetiracetam (Keppra) 📄 This test is done externally. Fasting recommended but not necessary. Do NOT take in an SST tube.	0.5 mL serum (R)	1 W	\$224.50
CT750	Phenobarbital For drug dosages, do not use SST tubes (with separator gel) as they can falsely lower the concentrations.	0.5 mL serum (R)	🕒	\$69.70
CAVL943	Combo KBr + Phenobarbital			\$118.75
CT730	Potassium bromide (KBr) For drug dosages, do not use SST tubes (with separator gel) as they can falsely lower the concentrations.	0.5 mL serum (R)	🕒	\$69.70
CAVL943	Combo KBr + Phenobarbital			\$118.75
CS86480	Zonisamide 📄 This test is done externally. Fasting recommended but not necessary. Do NOT take in an SST tube.	0.5 mL serum (R)	1 W	\$224.50
MICROBIOLOGY				
CM020	Aerobic culture Refrigerate; sterile container or swab with transport medium (not dry swab). Refer to Appendix 1, if you are hesitating between aerobic or anaerobic culture. Also available:	250 µl urine or 10 µl Tissue, swab, liquid, other	Urine: 24-48 h Autres: 2-5 j	\$59.15
BV1154	CATB (Aerobic culture + Sensitivity*) Refrigerate; sterile container or swab with transport medium (not dry swab). Refer to Appendix 1, if you are hesitating between aerobic or anaerobic culture. *Kirby-Bauer method. Also available:	250 µl urine or 10 µl Tissue, swab, liquid, other	Urine: 24-48 h Autres: 2-5 j	\$83.90
BV1242	Aero. + anaero. Culture + ATB			\$149.30
ADD210	Follow-up Aerobic culture + Sensitivity* Follow -up culture on same source may be ordered within 2 months of original submission of an Aerobic Culture. Indicate order number and date of the original submission on the requisition form. *Kirby-Bauer method			\$71.90

CODE	TEST NAME • DESCRIPTION	SPECIMEN	TAT	LIST PRICE
CM030	Anaerobic Culture Sterile container as small as possible for the sample so that there is as little air as possible in the container, or a swab with a solid transport medium. DO NOT refrigerate; It is preferable that the sample be sent to the lab the same day. Anaerobic organisms are sensitive to cold, should be stored at room temperature and not in the fridge. Refer to Appendix 1, if you are hesitating between aerobic or anaerobic culture.	10 µl tissue, swab, urine, liquid, other		\$88.55
EXT	Antimicrobial susceptibility* Culture must have been done previously. See Appendix 5: List of antibiotics (Sensitivity). *Kirby-Bauer method	Isolate	2 j	\$25.60
DAGR-40025	Autoclave Quality Assurance Program ☒ Must use EZTest - Steam. Easy-to-use, EZTest is a self-contained biological indicator for monitoring sterilization. EZTest - Steam contains <i>Geobacillus stearothermophilus</i> which will only be destroyed by adequate sterilization. These biological indicators comply with ISO 11138 and EN 866 standards and USP requirements.	☒	3 j	\$41.40
TRD-332	EZTest Steam (1 unit)			\$22.00
TRD-340	EZTest Steam (Box of 12)			\$195.00
BV1155	Blood Culture + Antibiotic sensitivity ☒ Must use One-bottle, Blood culture system, follow the incubation protocol and DO NOT REFRIGERATE. This test detects the growth of aerobic, anaerobic and micro-aerophilic organisms from blood or CSF samples using the blood/CSF culture system. *Preliminary results can come out as quickly as the day after reception, but for a negative result it is necessary to wait 7 days. A preliminary report will be sent as soon as possible.	☒ One-bottle, Blood culture system	1-7 D*	\$149.30
TRD-760	One-bottle, Blood culture system			\$40.00
CM225	<i>Campylobacter jejuni/coli/lari</i> (culture) Also available in profile, see Fecal culture	1 g Feces p	5-10 D	\$82.00
BV1143	<i>Clostridium perfringens</i> (culture) available in profile, see Fecal culture			
BV0010	<i>Clostridium perfringens</i> (Toxin profile)			\$82.00
CM060	CMIC (Culture and MIC) Refrigerate; sterile container or swab with transport medium (not dry swab). To learn more on MIC, see Appendix 6.	250 µl urine or 10 µl Tissue, swab, liquid, other	48-78 h	\$89.35
ADD210	Follow-up - CMIC (Culture and MIC) Follow-up CMIC on same source may be ordered within 2 months of original submission of an CMIC. Indicate order number and date of the original submission on the requisition form.			\$77.35
	See also Urology Profile + CMIC, Urology section			
BV1143	Fecal culture + ATB Includes aerobic culture, <i>Campylobacter jejuni/coli/lari</i> , <i>Clostridium perfringens</i> , <i>Salmonella</i> spp. and ★ <i>Shigella</i> . When isolating salmonella or shigella, an Antibiotic Sensitivity will be automatically performed.	10 g Feces p	3-10 D	\$104.60
CM080	Fungus (Isolation)  Refrigerate; sterile container. This test is done externally. *Results may take up to 30 days.	Skin scraping; swab; other.	*	\$81.20
	Minimum inhibitory concentration, see CMIC			
CM110	Mycoplasme (culture)	Tissue; swab	7-10 D	\$140.10
CM121	<i>Salmonella</i> (culture) Refrigerate; sterile container. Also available in profile, see Fecal culture. See also Serotyping see PCR section	Tissue; 10 g feces; other	4 D	\$82.30

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CODE	TEST NAME - DESCRIPTION	SPECIMEN	TAT	LIST PRICE
CM240	Ringworm (Fungal culture) A culture is performed on a selective medium for Dermatophytes, if a typical growth is observed, a confirmation by our PCR test is performed and included in the price.	Skin scraping, Hair	21 D	\$95.40
PARASITOLOGY				
BV0086	Babesia (smear) Keep cool.	1.0 mL whole blood EDTA (L)	🕒	\$55.55
CT785	Baermann Keep cool.	30 g Feces ▲	5-7 D	\$63.95
CT820	Giardia ELISA Keep cool. You can use a SAF container for this test.	5 g Feces ▲	🕒	\$73.00
CT613	Heartworm (Difil test) Keep cool. Also available Heartworm-Ac or Heartworm-Ag (Serology section).	1.0 mL whole blood EDTA (L)	🕒	\$37.60
Hemobartonellosis (smear), see Hemotropic mycoplasmas in HEMATOLOGY section				
Ova & Parasites, see Parasitology				
CT805	Parasitologie (canine & feline ONLY) Keep cool. We are using Zinc Sulphate double centrifugation technique. Unlike other tests, you can use a SAF container for parasitology (canine and feline ONLY).	5 g Feces ▲	🕒	\$39.80
BVAD09	Add-on Parasitology (canine & feline ONLY)			\$30.45
Other species, see Exotic animals section				
Zinc Sulphate, see Parasitology				
ONCOLOGY ★				
Biopsy, see Cancer Pathology Service (Biopsy)				
CT1025	★CADET BRAF (canine) This assay evaluates free-catch urine samples from dogs for the presence of cells harboring the b-raf mutation or specific copy number variations associated with transitional cell carcinoma/urothelial carcinoma/prostatic carcinoma. *Urine must be put in BRAF container within 15 minutes of collection and can be collected over multiple days; call customer service to order the BRAF container).	40 mL urine *	4 j	\$210.70
CFBXNEO	Cancer Pathology Service (Biopsy) Use the histopathology request form and indicate evaluation of Biopsy - oncology. The biopsy is assigned to one of the Cancer Pathology Team Members. 2 additional members of the Team will evaluate the biopsy and provide their opinion. One report is written with the consensus of all 3 Pet Cancer Pathology Team Members.	Biopsy	5 D	\$257.59
CFBXTBR	★Review - Cancer Tumor Board (Biopsy) A second opinion review of an Antech or other lab biopsy case was performed by three pet cancer specialty pathologists (tumor Board), with one report containing consensus.	Slide	5 D	\$232.15
PATHOLOGY / CYTOLOGY / HISTOPATHOLOGY				
CBONE	Bone marrow (aspiration) Submit 3 to 6 slides made immediately after collection (unstained) and the rest of the sample into EDTA tube.	Smear + Whole blood EDTA (L)		\$114.40
Cancer Pathology Service (Biopsy), see Oncologie section				
CFLUA	Cytology (fluids/lavage analysis) 📄 Submit the sample in an EDTA tube. Keep refrigerated and submit as soon as possible. Also submit air-dried fluid smears prepared immediately after collection. If the sample appears to be slightly cellular, centrifuge a portion of the sample and smear from the sediment. Mention the method used.	📄	🕒	\$120.95

CODE	TEST NAME • DESCRIPTION	SPECIMEN	TAT	LIST PRICE
CCYTO	Cytologie (mass/tissue) (1 to 2 sites) It is recommended to submit 2 to 4 slides per mass. Properly identify the slides with the sample site, patient name and owner. If you need help for technique for sampling and spreading slides, contact us.			\$108.95
CCYT3	Additional site			\$39.20
CFBX	Histopathology (1 to 4 tissues) Place the sample in 10% formalin. The formalin volume should be at least 10 times that of the tissue. Use containers with a wide mouth. Hollow organs (e.g., intestines) should be open lengthwise before being placed in formalin to ensure good fixation of the mucosa. For all excisional biopsies, margins will be assessed.		5 D *	\$135.45
CFBX5	Additional tissue			\$36.00
CFBX	Histopathology following up a cytology Note: You must send us the case within 60 days after submitting the first case. It is important to indicate your order number from the previous case. *These tests are performed from Monday to Friday.			\$110.05
IHC2	Immunohistochemistry This test is done externally.			\$219.05
PCR				
BV0023	Adenovirus-2 (canine) Collect the sample with a dry cotton swab and put it in a dry tube without transport medium. Keep refrigerated. Also available in profile, see Respiratory profile (canine)	Pharyngeal or conjunctival swab	1-2 D *	\$68.15
CS14421	Anaplasma phagocytophilum qPCR *One or more ticks placed in an airtight container without additives. Also available in profile, see Borrelia spp. + Anaplasma phagocytophilum and Tick borne diseases Anemia, see Feline infectious anemia profile	Ticks*ou 1.0 mL Whole blood EDTA (L)	3-4 D *	\$68.15
BV0025	Babesia spp. qPCR *One or more ticks placed in an airtight container without additives. Also available in profile, see Tick borne diseases.	Ticks*ou 1.0 mL Whole blood EDTA (L)	3-4 D *	\$68.15
BV0021	Bordetella bronchiseptica (canine or feline) Pharyngeal or conjunctival swab. Collect the sample with a dry cotton swab and put it in a dry tube without transport medium. Keep refrigerated. Also available in profile, see Respiratory profile (canine or feline)	Pharyngeal or conjunctival swab	1-2 D *	\$68.15
CS7001	Borrelia spp. qPCR *One or more ticks placed in an airtight container without additives. Also available in profile, see Borrelia spp. + Anaplasma phagocytophilum and Tick borne diseases	Ticks*	3-4 D *	\$68.15
BV1129	Borrelia spp. + Anaplasma phagocytophilum qPCR *One or more ticks placed in an airtight container without additives. Also available in profile, see Tick borne diseases.	Ticks*	3-4 D *	\$70.80
BV0008	Calicivirus (feline) *Collect the sample with a dry cotton swab and put it in a dry tube without transport medium. Keep refrigerated. Also available in profile, see Respiratory profile (feline).	Pharyngeal or conjunctival swab*	1-2 D *	\$68.15
BV0001	Campylobacter jejuni qPCR Also available in profile, see Digestive profile (diarrhea)	1 g Feces ▲	2-3 D *	\$68.15
CS86320	Chlamydomphila felis qPCR Pharyngeal or conjunctival swab. Collect the sample with a dry cotton swab and put it in a dry tube without transport medium. Keep refrigerated. Also available in profile, see Respiratory profile (feline).	Pharyngeal or conjunctival swab	1-2 D *	\$68.15
BV0024	Circovirus qPCR (canine) Also available in profile, see Digestive profile (diarrhea - canine).	1 g Feces ▲	2-3 D *	\$68.15
BV0011	Clostridium perfringens (toxin A) qPCR Also available in profile, see Digestive profile (diarrhea).	1 g Feces ▲	2-3 D *	\$68.15
















Companion Animal – Test Offers

CODE	TEST NAME - DESCRIPTION	SPECIMEN	TAT	LIST PRICE
BV0002	Coronavirus (respiratory - canine) qPCR Also available in profile, see Digestive profile (diarrhea).	1 g Feces ▲	2-3 D *	\$68.15
BV0003	Coronavirus (enteric - canine) qPCR ☒ Pharyngeal or conjunctival swab. Collect the sample with a dry cotton swab and put it in a dry tube without transport medium. Keep refrigerated. Also available in profile, see Respiratory profile (canine).	☒ Pharyngeal or conjunctival swab	1-2 D *	\$68.15
CS86319	Cryptosporidium spp. qPCR Also available in profile, see Digestive profile (diarrhea).	1 g Feces ▲	2-3 D *	\$68.15
BV1144	Dermatophytes (Ringworm) qPCR ☒ Samples of hair and/or hair dander (min 10) or culture media with hair. Take the hair and dander from border of lesions in an empty sterile container. In the absence of visible lesions, brush the coat with a toothbrush. The main zoophilic species detected are: <i>Microsporum</i> spp., <i>Microsporum canis</i> , <i>Trichophyton</i> spp (<i>benhamiae</i> , <i>bulbosum</i> , <i>equinum</i> , <i>erinacei</i> , <i>mentagrophytes</i> , <i>quinckeanum</i> , <i>simii</i> , <i>verrucosum</i>) and <i>Nannizzia gypsea</i> (essentially geophilic species, formerly known as <i>Microsporum gypseum</i>). These three species or species complexes are now highlighted using a new real-time PCR (qPCR) multiplex. See also Ringworm (Fungal culture) in Microbiology section.	☒	1-2 D *	\$86.05
BV1232	Digestive profile (diarrhea - canine) qPCR The profile includes <i>Clostridium difficile</i> toxine A, <i>C. difficile</i> toxine B, <i>C. perfringens</i> entérotoxine, <i>C. perfringens</i> toxA, <i>Campylobacter coli</i> , <i>Campylobacter jejuni</i> , <i>Circovirus</i> , <i>Coronavirus</i> entérique, <i>Cryptosporidium</i> spp., <i>Giardia</i> spp, <i>Parvovirus</i> type 2, <i>Salmonella</i> spp. and <i>Distemper</i> . For further information see Appendix 5	1 g Feces ▲	2-3 j *	\$123.70
BV1116	Digestive profile qPCR with parasitology			\$144.45
BV1233	Digestive profile (diarrhea - feline) qPCR The profile includes <i>Clostridium difficile</i> toxine A, <i>C. difficile</i> toxine B, <i>C. perfringens</i> entérotoxine, <i>C. perfringens</i> toxA, <i>Campylobacter coli</i> , <i>Campylobacter jejuni</i> , <i>Cryptosporidium</i> spp., <i>Coronavirus</i> , <i>Feline Panleukopenia virus</i> , <i>Giardia</i> spp, <i>Salmonella</i> spp., <i>Rotavirus A</i> , <i>Toxoplasma gondii</i> , <i>Trichomonas Foetus</i> . For further information, see Appendix 5.	1 g Feces ▲	2-3 j *	\$123.70
BV1142	Digestive profile qPCR with parasitology			\$144.45
CS16501	Distemper qPCR Also available in profile, see Digestive profile (diarrhea) and Respiratory profile (canine)	1 g Feces or nasopharyngeal swab	1-3 D *	\$68.15
BV0007	Ehrlichia spp. qPCR *One or more ticks placed in an airtight container without additives. Also available in profile, see Tick borne diseases.	Ticks*ou 1.0 mL Whole blood EDTA (L)	3-4 D *	\$68.15
BV1247	Feline infectious anemia profile qPCR Includes <i>Anaplasma</i> spp, <i>Ehrlichia</i> spp, Hemotropic mycoplasma by PCR and VIF/FeLV (ELISA).	2.0 mL Whole blood EDTA (L)	48 h *	\$81.70
BV0005	Giardia spp. qPCR Also available in profile, see Digestive profile (diarrhea).	1 g Feces ▲	2-3 D *	\$68.15
CT985	Hemotropic mycoplasmas (Feline) Keep cool. Detects and differentiates between <i>Mycoplasma haemofelis</i> and <i>Mycoplasma haemominutum</i> .	0.5 mL Whole blood EDTA (L)	1-2 D *	\$81.20
CS86326	Herpesvirus (canine or feline) ☒ Pharyngeal or conjunctival swab. Collect the sample with a dry cotton swab and put it in a dry tube without transport medium. Keep refrigerated. Also available in profile, see Respiratory profile (canine or feline).	☒ pharyngeal or conjunctival swab	1-2 D *	\$68.15
BV0082	Influenza A (canine or feline) ☒ Pharyngeal or conjunctival swab. Collect the sample with a dry cotton swab and put it in a dry tube without transport medium. Keep refrigerated. Also available in profile, see Respiratory profile (canine or feline).	☒ pharyngeal or conjunctival swab	1-2 D *	\$68.15

CODE	TEST NAME • DESCRIPTION	SPECIMEN	TAT	LIST PRICE
CT991	KeyScreen qPCR — Parasites GI This profile includes the following 20 gastrointestinal parasites and the 2 genetic markers: <i>Ancylostoma</i> spp., benzimidazole resistance - <i>Ancylostoma</i> , <i>Baylisascaris procyonis</i> , <i>Cryptosporidium canis</i> , <i>Cryptosporidium felis</i> , <i>Cytoisospora</i> spp. (Isospora), <i>Dipylidium caninum</i> , <i>Echinococcus granulosus</i> , <i>Echinococcus multilocularis</i> , <i>Eimeria</i> spp., <i>Giardia duodenalis</i> , <i>Giardia</i> A and B zoonotic strains, <i>Neospora caninum</i> , <i>Taenia</i> spp., <i>Toxascaris leonina</i> , <i>Toxocara canis</i> , <i>Toxocara cati</i> , <i>Toxocara</i> spp., <i>Toxoplasma gondii</i> **, <i>Trichuris vulpis</i> , <i>Trichomonas</i> <i>blagburni</i> ** (<i>T. foetus</i>) and <i>Uncinaria stenocephala</i> . **These parasites are not detected in dogs. 📄 IMPORTANT: USE ONLY Fecal Containers without additive (blue cap) to send your feces samples. Refrigerate.	1 g Selles fraîches ▲	1-2 D *	\$82.30
CADD350	Add-on KeyScreen qPCR — Parasite GI			\$72.50
CT974 / CT976	Leptospira spp. qPCR Refrigerate.	1.0 mL Whole blood EDTA (L) or 10 mL Urine	2-3 D *	\$83.90
BV7015	MiDOG® Next generation DNA sequencing Microbial Test 📄 📄 Swab (tongue, feces, ear or skin) or urine (2 mL) Room temperature. Collection kits, instruction and information available on our website: www.biovet.ca/en/midog . identification of bacterial and fungi pathogens to guide the design of targeted and accurate therapies. This test is available for other species than dog such as cat, rabbit, horse and others for which MiDOG® is currently gathering data in order to possibly have a comprehensive database such as for the dog. This test is done externally.	📄	5-8 D	\$210.95
BV0015	Mycoplasma canis qPCR (canine) 📄 Pharyngeal or conjunctival swab. Collect the sample with a dry cotton swab and put it in a dry tube without transport medium. Keep refrigerated. Also available in profile, see Respiratory profile (canine).	📄 pharyngeal or conjunctival swab	1-2 D *	\$68.15
BV0016	Mycoplasma cynos qPCR (canine) 📄 Pharyngeal or conjunctival swab. Collect the sample with a dry cotton swab and put it in a dry tube without transport medium. Keep refrigerated. Also available in profile, see Respiratory profile (canine).	📄 pharyngeal or conjunctival swab	1-2 D *	\$68.15
BV0017	Mycoplasma felis qPCR 📄 Pharyngeal or conjunctival swab. Collect the sample with a dry cotton swab and put it in a dry tube without transport medium. Keep refrigerated. Also available in profile, see Respiratory profile (feline).	📄 pharyngeal or conjunctival swab	1-2 D *	\$68.15
BV0029	Panleukopenia virus (Feline) Also available in profile see Digestive profile (diarrhea).	1 g Selles fraîches ▲	2-3 D *	\$68.15
BV0013	Parainfluenza (canine) 📄 pharyngeal or conjunctival swab. Collect the sample with a dry cotton swab and put it in a dry tube without transport medium. Keep refrigerated. Also available in profile, see Respiratory profile (canine).	📄 pharyngeal or conjunctival swab	1-2 D *	\$68.15
BV0003	Parvovirus type 2 (canine) Also available in profile, see Digestive profile (diarrhea).	1 g Feces ▲	2-3 j *	\$68.15
BV0026	Pneumovirus qPCR (canine) 📄 pharyngeal or conjunctival swab. Collect the sample with a dry cotton swab and put it in a dry tube without transport medium. Keep refrigerated. Also available in profile, see Respiratory profile (canine).	📄 pharyngeal or conjunctival swab	1-2 j *	\$68.15
BV7008	Polykystic Kidney disease (PKD) 📄 📄 Oral Sample using interdental brushes. This test is done externally.	📄 1.0 mL Whole blood EDTA (L)	14 D	\$168.90

Companion Animal – Test Offers

CODE	TEST NAME - DESCRIPTION	SPECIMEN	TAT	LIST PRICE
BV1235	Respiratory profile (canine) ☒ pharyngeal or conjunctival swab. Collect the sample with a dry cotton swab and put it in a dry tube without transport medium. Keep refrigerated. The profile includes Adenovirus-2, <i>Bordetella bronchiseptica</i> , Distemper, Respiratory Coronavirus, Herpesvirus, Influenza A, <i>Mycoplasma canis</i> , <i>Mycoplasma cynos</i> , Parainfluenza, Pneumovirus and <i>Streptococcus equi</i> ssp <i>zooepidemicus</i> . For the possible addition a sensitivity test, please send us two swabs from the same site. An isolation fee will then be added, in order to isolate the bacteria.	☒ pharyngeal or conjunctival swab	1-2 D *	\$154.25
BV1234	Respiratory profile (feline) ☒ pharyngeal or conjunctival swab. Collect the sample with a dry cotton swab and put it in a dry tube without transport medium. Keep refrigerated. The profile includes Herpesvirus, Calicivirus, Influenza A, <i>Bordetella bronchiseptica</i> , <i>Chlamydomphila felis</i> and <i>Mycoplasma felis</i> . For the possible addition a sensitivity test, please send us two swabs from the same site. An isolation fee will then be added, in order to isolate the bacteria.	☒ pharyngeal or conjunctival swab	1-2 D *	\$147.10
BV0031	Rotavirus A qPCR (félin) Also available in profile, see Digestive profile (diarrhea). Ringworm , see Dermatophytes	1 g Feces ▲	2-3 j *	\$68.15
SALT	Salmonella serotyping Salmonelle spp. culture must have been done previously.	Isolate	5-10 D *	\$104.90
BV0018	Salmonella spp. Also available in profile, see Digestive profile (diarrhea).	1 g Feces ▲	2-3 j *	\$68.15
BV0109	Streptococcus equi ssp zooepidemicus (canine) ☒ pharyngeal or conjunctival swab. Collect the sample with a dry cotton swab and put it in a dry tube without transport medium. Keep refrigerated. Also available in profile, see Respiratory profile (canine).	☒ pharyngeal or conjunctival swab	1-2 j *	\$68.15
BV1156	Tick borne diseases qPCR ☒ One or more ticks placed in an airtight container without additives. Detection of <i>Borrelia</i> spp., <i>Anaplasma phagocytophilum</i> , <i>Babesia</i> spp. and <i>Ehrlichia</i> spp.* * <i>Borrelia</i> spp: available ONLY on tick.	Ticks*ou 1.0 mL Whole blood EDTA (L)	3-4 D *	\$96.45
BV0030	Toxoplasma gondii (feline) Also available in profile, see Digestive profile (diarrhea).	1 g Feces ▲	2-3 D *	\$68.15
CS85819	Tritrichomonas Foetus (feline) Also available in profile, see Digestive profile (diarrhea).	1 g Feces ▲	2-3 D *	\$68.15
C552	Von Willebrand Type 2 (PCR)	☒ 1.0 mL Whole blood EDTA (L)	5-10 D *	\$100.25
C554	Von Willebrand Type 3 (PCR) ☒ Oral Sample using interdental brushes.			\$100.25
BV7010	Von Willebrand Type 1 (PCR) 📄 This test is done externally. ☒ Oral Sample using interdental brushes.	☒ 1.0 mL Whole blood EDTA (L)	2 W	\$177.60
Other infectious agents available upon request				
* These tests are performed from Monday to Friday.				

CODE	TEST NAME • DESCRIPTION	SPECIMEN	TAT	LIST PRICE
SEROLOGY/IMMUNOLOGY/VIROLOGY				
2M Ab, see Masticatory muscle myositis				
CT515	ANA (Antinuclear Antibody)  This test is done externally.	1.0 mL serum (R)	1-2 W	\$141.45
Anaplasma phagocytophilum/Platys - available in profile, see Heartworm-Ag				
CS16502	Babesia canis & B. gibsoni (IFA)  This test is done externally.	1.0 mL serum (R)	2 W	\$163.05
BV7051	Bartonella henselae & B. vinsonii  (Cat Scratch Disease) (IFA) This test is done externally.	1.0 mL serum (R)	2 W	\$182.45
CT530	Brucella Canis - Screen	0.5 mL serum (R)	4 D *	\$99.90
CS16003	Brucella Canis Kansas agg 2-ME TAT  This test is done externally (KSVDL) for canine EXPORT.	0.5 mL serum (R)	1 W	\$115.00
Coombs, see Hematology section				
CT570	Ehrlichia canis (Ab IFA)  This test is done externally.	1.0 mL serum (R)	2 W	\$122.00
Ehrlichia canis/ewingii - available in profile, see Heartworm-Ag				
CT580	FeLV-Ag-ELISA (screening)	0.3 mL serum (R) or Whole blood EDTA (L) or plasma EDTA (L)		\$54.45
CT585	FeLV-Ag-IFA	1.0 mL Whole blood EDTA (L)	4 D *	\$84.20
CT595	FIP-Ab- Coronavirus-IFAT  This test is done externally.	1.0 mL serum (R)	2-3 D	\$52.85
CT610	FIV-Ab-ELISA (screening)	0.3 mL serum (R) or Whole blood EDTA (L) or plasma EDTA (L)		\$53.35
CS16865	FIV-Ab-Western blot  This test is done externally. May be positive if pet vaccinated against FIV.	1.0 mL serum (R)	1 s	\$193.70
CT625	Heartworm Ab-feline	1.0 mL serum (R)	4 D *	\$158.70
CT615	Heartworm-Ag canine	1.0 mL serum (R)		\$20.15
CAC100	Heartworm, Lyme, Ehrlichia & Anaplasma			\$44.65
CT620	Heartworm-Ag feline	1.0 mL serum (R) or plasma EDTA (L)		\$20.15
BV7086	Leptospirose-Ac-MAT (6 serovars)  This test is done externally. To check for seroconversion, retest in 2 to 3 weeks.	1.0 mL serum (R)	1 W	\$111.20
Lyme (canine) - available in profile see Heartworm-Ag				
BV7005	Myasthenia Gravis  (Anti-acetylcholine receptor Ab) This test is done externally. Keep cool. Ship with ice-packs.	2.0 mL serum (R)	1 W	\$330.70
CS16535	Masticatory muscle myositis  (Ab 2M) This test is done externally. Ship with ice packs.	2.0 mL serum (R)	1-2 W	\$330.70
CS16560	Neospora caninum IFA (canine)  This test is done externally.	1.0 mL serum (R)	10 D	\$173.85
CT695	Parvovirus Ag ELISA *Airtight container.	Feces *		\$83.40

Companion Animal – Test Offers

CODE	TEST NAME - DESCRIPTION	SPECIMEN	TAT	LIST PRICE
CS17108	Rabies titer (FAVN or RFFIT)  This test is done externally. Fill out the specific form for this analysis. Highly hemolyzed and / or highly lipemic samples are discarded. *Usually 1 month.	2,0 mL sérum (R)	1 Month *	\$298.05
CT715	Rickettsia rickettsii (serology)  (Rocky Mountain Spotted Fever) This test is done externally.	1.0 mL serum (R)	2 W	\$172.95
CT720	Toxoplasmose-IgM & IgG-IFA	1.0 mL serum (R)	4 D †	\$132.80
BV1145	Vaccine titer test (canine) A single sample is used to test vaccines for 3 diseases (Infectious hepatitis, Parvovirus and Distemper).	0.5 mL serum (R)		\$95.85
† These tests are performed from Monday to Friday.				
UROLOGY				
CT830C	Microalbuminuria Keep cool.	1.0 mL Urine	1-2 D	\$83.10
CT775	Protein / Creatinine Ratio Keep cool.	2.0 mL Urine		\$47.15
CADD230	Add-on Protein / Creatinine Ratio			\$37.60
CT760	Urinalysis (Chemical, physical and microscopic) Keep cool.	5.0 mL Fresh urine	24 h	\$45.25
BV1013	Urinalysis with pathologist's comment			\$52.25
CADD220	Add-on Urinalysis			\$36.50
BV7097	Urolith analysis  Submit in a clean container with Royal Canin's form. This test is done externally.	Urolith	2-3 W	\$34.90
BV1153	Urology Profile + CATB (bacteriologie) Urinalysis, aerobic culture and interpretation *Result within 24 h for urinalysis and interpretation, but for aerobic culture. allow 24 to 48 h.	5.0 mL Fresh urine	24 h*	\$108.45
BV1101	Urology Profile and Protein/Creatinine Ratio (Chemical, physical and microscopic) Keep cool.	5.0 mL Fresh urine	.	\$63.50
CT227	Bile Acids/creatinine Ratio Refrigerate.	1.0 mL Urine	3-5 D	\$116.60
CT770	Urinary Cortisol/creatinine ratio Keep cool.	2.0 mL Urine	.	\$71.90
OTHER SERVICES, FEES AND DISCOUNTS				
BVFR03	Cancellation fees			\$21.80
BVFR08	Emergency fees (RUSH)			\$21.80
BVFR06	Intermediate fees			\$34.90
	Quality control for Heska analyzers	Serum (R) *	.	
CT764	Element DC / DCX			\$20.15
CT764	Element i / i+			\$20.15
CT764	Eurolyser Solo			\$20.15
CT764	Eurolyser Cube			\$20.15
CT764	Element HT5	Whole blood EDTA (L)*		\$20.15
CT764	VetABC+ *The minimum quantity required may vary according to the different tests submitted.			\$20.15
CT764	Pathologist's comments			\$48.25

CODE	TEST NAME • DESCRIPTION	SPECIMEN	TAT	LIST PRICE
CT764	Pathologist's comments – on results of your in-house analyzers from Biovet.			\$48.25
BVFR02	Sample pool (max 5)			\$13.10
	Cooler upon request			Variable
	Volume discount per month			
	• \$1000 and over = 3% • \$2000 and over = 5%			
	• \$3000 and over = 8% • \$4000 and over = 10%			
	Prices are subject to change without notice.			

Contact us to learn more about our different programs or to check the availability of tests not listed in this guide.

Exotic Animals



Exotic Animals: Test Offers

Exotic animals: availability of tests by species

These symbols indicate for which species the tests are available.

(N)	New companion animals (NAC): rabbits, mice, hamsters, ferrets and other small mammals
(B)	Birds: including domestic fowls and exotic birds
(R)	Reptiles: turtles, lizards, snakes and other reptiles

Exotic Animals: Our Exotic Profiles And Their Components

CODE	TEST NAME	PRICE	Complete CBC	Patho.'s comments	Uric acid	Albumin	ALP	ALT	Creatinine	Glucose	Total Proteins	BUN	Globulins	Cholesterol	Calcium	Phosphorus	A/G Ratio	Na/K Ratio	Sodium	Potassium	TCO2	Gap	Chloride	Amylase	Total Bilirubin	GGT	AST	dir, ind. Bilirubin	LDH	Creatine Kinase (CK)	Bile acids	Total or Free T4
HEALTH PROFILES																																
BV1157	Avian (B)	\$84.50	•	•	•					•	•	•	•	•	•	•	•										•				•	
BV1160	Avian With Ck (B)	\$87.50	•	•	•					•	•	•	•	•	•	•	•										•			•	•	
BV1158	Avian Ii (B)	\$104.50	•	•	•	•				•	•	•	•	•	•	•	•										•	•	•	•	•	
BV1159	Avian Iii (B)	\$112.25	•	•	•	•	•			•	•	•	•	•	•	•	•								•	•	•	•	•	•	•	
BV1173	Avian Chemistry (B)	\$54.95		•	•					•	•	•	•	•	•	•	•										•			•		
BV1215	Avian Chemistry With Ck (B)	\$58.95		•	•					•	•	•	•	•	•	•	•										•			•	•	
BV1001	Chemistry (N)	\$84.95			•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•			•		
BV1161	Chemistry Nac/Rabbi (N)	\$89.95	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•					
BV1008	Geriatric Evaluation (N)	\$107.35	•		•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•		•								•	
BV1006	Hepatic (N)	\$73.30			•	•	•			•	•	•	•	•			•								•	•	•	•				
BV1027	Pm 15 Pre-Op (N)	\$66.00			•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•					
BV1009	Pre-Op + (N)	\$68.15	•			•	•	•	•	•	•	•	•				•	•	•	•	•	•	•	•	•	•						
BV1246	Preanesthesia/Mini-Profile (N)	\$50.95			•	•	•	•	•	•	•	•	•				•	•	•	•	•	•	•	•	•	•						
BV1004	Renal (N)	\$60.50			•				•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•						
BV1167	Reptile 1 (R)	\$89.50	•	•	•					•	•	•	•	•	•	•	•										•			•	•	
BV1168	Reptile 2 (R)	\$75.95	•	•	•					•	•	•	•	•	•	•	•										•					

For these profiles:

(N) Sample: 1.0 mL serum **(R)** • Turnaround Time [⌚](#)

(B) (R) Sample: 1.0 mL Heparinized whole blood **(G)** **(R)** • Turnaround Time [⌚](#)

Complete CBC: Add 1.0 mL Whole blood EDTA **(L)**




*PM 15 formerly PM 12

COMPLETE YOUR PROFILES WITH THESE ADD-ONS**

CADD190	Total T4	\$39.80
CADD220	Urinalysis	\$36.50
CADD230	Urinary proteins/creatinine ratio	\$37.60

**To obtain the Add-On price, the clinic must have performed a blood test with Biovet blood analyser or at the Biovet laboratory. If the clinic has performed the blood test with the analyser, the results must be provided as evidence. The blood test and add-on analysis must be for the same animal. The clinic has 72 hours after the blood test to request an Add-On analysis.



Exotic Animals: Test Offers

CODE	TEST NAME - DESCRIPTION	SPECIMEN	TAT	LIST PRICE
OTHER PROFILES (EXOTIC)				
BV7022	Adrenal Panel - Ferret  (N) Include: Estradiol, androstenedione and 17-hydroxyprogesterone. This test is done externally.	0.5 mL Serum (R)	10 j	\$233.25
BV7024	Avian General Profile (DNA) AVP 2  [B] Includes Avian Polyomavirus, Psittacine Beak and Feather Disease Virus, Pachecho's disease Virus, <i>Chlamydophila psittaci</i> . This test is done externally.	0.5 mL Plasma EDTA (L) or Heparinized Plasma (G)	3 j	\$198.35
CHEMISTRY (EXOTIC)				
CT010	Albumin (N-B-R) Avoid hemolysis	0.3 mL serum (R)		\$31.05
CT020	ALP (Alkaline phosphatase) (N-B-R) Avoid hemolysis.	0.3 mL serum (R)		\$31.05
CT030	ALT (N-B-R) Avoid hemolysis.	0.3 mL serum (R)		\$31.05
CT040	Amylase (N-B) Avoid hemolysis.	0.3 mL serum (R)		\$31.05
CT060	AST (N-B-R) Avoid hemolysis.	0.3 mL serum (R)		\$31.05
CT225	Bile Acids (baseline) (B-R) Avoid hemolysis. Keep cool.	0.3 mL serum (R)		\$63.50
CT070	Bilirubin, directe (N-B-R)	0.3 mL serum (R)		\$31.05
CT090	Bilirubine, total (N-B-R) Avoid hemolysis.	0.3 mL serum (R)		\$31.05
CT100	BUN (urea) (N-B-R) Avoid hemolysis.	0.3 mL serum (R)		\$31.05
CT110	Calcium (total) (N-B-R) Avoid lipemia.	0.3 mL serum (R)		\$31.05
CS18537	Calcium, ionized (N-B) Fasting is necessary. Avoid hemolysis and lipemia. <ul style="list-style-type: none"> Do not open cap Sample requirement for accurate measurement of ionized calcium (iCa²⁺) is serum that has been anaerobically transferred from the spun SST or RTT (using a needle and syringe to avoid air exposure) into a plain unopened red-top vacutainer. Puncture the stopper with the syringe needle and allow the serum to be transferred under pressure. Do NOT open this tube prior to testing. Please boldly label the sample tube as IONIZED CALCIUM SERUM and keep frozen or refrigerate. Samples that have been exposed to air may have artifactually decreased (iCa²⁺) and those transported in SST tubes may have been artifactually increased (iCa²⁺). † The tube submitted for this test will be used ONLY for this analysis, if you require other tests, please provide another tube.	0.3 mL serum (R) [†]	3 D	\$93.70
CT120	Chloride (N-B-R)	0.3 mL serum [R]		\$31.05
CT125	Cholesterol (N-B-R)	0.3 mL serum [R]		\$31.05
CO2, see TCO2				
Cobalamine, see Folate + cobalamine				
CT130	Creatine Kinase (CK) (N-B-R)	0.3 mL serum [R]		\$31.05
CT135	Créatinine (N-B-R)	0.3 mL serum [R]		\$31.05


CODE	TEST NAME • DESCRIPTION	SPECIMEN	TAT	LIST PRICE
CS16195	Folate + cobalamine (vitamine B12) (N) A 12-hour fast is recommended. Avoid hemolysis. Separate the serum from the RBCs and freeze. Protect from light by covering the tube with aluminum foil.	1.0 mL serum (R)	3 D	\$118.90
CT145	GGT (N-B-R) Avoid hemolysis.	0.3 mL serum (R)	⌚	\$31.05
CT011	Globulins (Alb & PT) (N-B-R) Refrigerate or freeze.	0.3 mL serum (R)	⌚	\$39.20
CT150	Glucose (N-B-R) Avoid hemolysis, quickly separate the serum from the red blood cells.	0.3 mL serum (R)	⌚	\$31.05
CT170	Magnesium (N-B-R) Avoid hemolysis.	0.3 mL serum (R)	⌚	\$31.05
CT180	Phosphorus (N-B-R) Avoid hemolysis.	0.3 mL serum (R)	⌚	\$31.05
CT185	Potassium (N-B-R) Avoid hemolysis.	0.3 mL serum (R)	⌚	\$31.05
CT195	Sodium (N-B-R)	0.3 mL serum (R)	⌚	\$31.05
CT115	TCO2 (Bicarbonates) (N-B-R) Avoid contact with air. Tightly closed tube.	0.3 mL serum (R)	⌚	\$31.05
CT190	Total Proteins (N-B-R) Avoid hemolysis and lipemia.	0.3 mL serum (R)	⌚	\$31.05
CT205	Triglycerides (N-B-R) Fast 12-18 h.	0.3 mL serum (R)	⌚	\$31.05
CT210	Uric acid [B]	0.3 mL serum (R)	⌚	\$31.05
	Vitamine B12, see Folate + cobalamine			
BV7080	Zinc  [B] This test is done externally.	0.3 mL serum (R)	1 W	\$46.80
ENDOCRINOLOGY (EXOTIC)				
CT470	Insulin and glucose (N) Animal should be fasted prior to sampling. Centrifuge, separate and freeze in a plastic tube. Take blood when the patient is hypoglycemic.	1.0 mL serum (R)	3 D	\$118.75
CT495	Total T4 (N-B)	0,3 mL serum (R)	⌚	\$50.10
CADD190	Add-on Total T4			\$39.80
HEMATOLOGY (EXOTIC)				
BV1197	CBC (Complete Blood count) (N) If possible, submit 2 blood smears, not stained, immediately after collection with EDTA blood. The EDTA tube should be kept cold. Avoid lipemia, sample <48 hours. Includes leukocyte, platelet and erythrocyte counts (Gr, Hb, Ht, CGMH, VGM), differential, microscopic examination, reticulocyte count (if anemia). An evaluation of the blood smear is performed by technicians on each complete hematology which includes a differential check, description of red and white blood cell morphology, confirmation of platelet count, reticulocyte count if the patient is anemic. If an abnormality or unidentified cells are observed during this evaluation, the blood smear is then submitted to a pathologist for verification.	1.0 mL Whole blood EDTA (L)	⌚	\$48.25
CAE270	CBC (Complete Blood count) (B-R) If possible, submit 2 blood smears, not stained, immediately after collection with EDTA blood. The EDTA tube should be kept cold. Avoid lipemia, sample <48 hours. Includes hematocrit, WBC, thrombocytes, differential, microscopic examination. An evaluation of the blood smear is performed by technicians on each complete hematology that includes a differential check, description of red and white blood cell morphology. If an abnormality or unidentified cells are observed during this evaluation, the blood smear is then submitted to a pathologist for verification.	1.0 mL Heparinized whole blood (G)	⌚	\$48.25

Exotic Animals: Test Offers

CODE	TEST NAME - DESCRIPTION	SPECIMEN	TAT	LIST PRICE
CT415	Coagulation (PT, PTT) (N)			\$63.50
CSA305	<p>Coagulation (PT, PTT) avec plaquettes (N) For these tests (mainly for PT and PTT), a good plasma sampling and submission method is absolutely essential to obtain reliable results. Coagulation factors can be destroyed by heat or activated by contact with glass surfaces and clot formation in the sample. Reliable results can be obtained if the following guidelines are followed:</p> <ol style="list-style-type: none"> 1. Do not dose von Willebrand factor in bitch in heat, pregnancy or lactation. 2. For PT, PTT and vWF tests it is essential to collect the blood in a citrate tube (blue top tube). These tubes (as well as plastic tubes) are available at no charge from customer service upon request. 3. A clean puncture of the vein must be performed. Repeatedly puncturing the vein walls or a slow blood flow can activate the coagulation cascade. <ul style="list-style-type: none"> • If you use vacutainer tubes, it will be important to completely fill the citrated tube in order to respect the citrate ratio: 1: 9. • If you use screw-cap tubes and a syringe, it will be important to fill the tube to the top edge of the label to respect the citrate: blood ratio. 4. Less than 15 minutes after collection, centrifuge tubes for 15 minutes at 3000 RPM. Keep the cap on the tube during centrifugation. When separating plasma, it is important not to aspirate red blood cells. If the plasma is hemolyzed or contains clots, the sample should be taken again. At least 0.4 ml of plasma is needed to perform the tests. 5. For separation, the plasma must be collected with a plastic pipette and placed in a plastic tube. Clearly identify the tube with the patient's name, age and time of collection, and indicate citrated plasma on the tube to be submitted. If you do not have plastic tubes, you can use a citrated tube previously emptied of its anticoagulant. 6. Freeze sample and send on ice. 7. For PT and PTT tests, each Patient sample must be accompanied by a Control sample. The control sample is a sample of citrated plasma taken from a healthy animal of the same species as your patient and handled in the same way as the sample of the sick patient. This sample is analyzed at the same time as the patient's and ensures that sampling, centrifugation and transport did not alter the sample. PT and PTT testing costs include the analysis of the control sample. 8. A lavender tube (whole blood EDTA) is preferably required for platelet counting, but it can also be performed on a green-top tube (whole heparinized blood). 	1.0 mL Citrated plasma [B*] + 1.0 mL Whole blood EDTA (L)	1 D	\$80.95
CT375	Hematocrit (N-B-R) Keep cool.	1.0 mL Whole blood EDTA (L)	🕒	\$23.95
CT385	Hemoglobin (N) Keep cool, avoid lipemia.	1.0 mL Whole blood EDTA (L)	🕒	\$20.15
CT400	Platelets (N-R) Keep cool.	1.0 mL Whole blood EDTA (L)	🕒	\$34.85
CT430	WBC (N-B-R) Keep cool.	1.0 mL Whole blood EDTA (L)	🕒	\$27.80
MICROBIOLOGY (EXOTIC)				
CM020	Aerobic culture (N-B-R) Refrigerate; sterile container or swab with transport medium (not dry swab). Refer to Appendix 1, if you are hesitating between aerobic or anaerobic culture.	250 µl urine ou 10 µl Tissue, swab, liquid, other	24-48 h (Urine) 2-5 D (Others)	\$59.15

CODE	TEST NAME • DESCRIPTION	SPECIMEN	TAT	LIST PRICE
BV1154	Aerobic culture + Sensitivity* (N-O-R) Refrigerate; sterile container or swab with transport medium (not dry swab). Refer to Appendix 1, if you are hesitating between aerobic or anaerobic culture. *Kirby-Bauer method. Also available:	250 µl urine ou 10 µl Tissue, swab, liquid, other	24-48 h (Urine) 2-5 D (Others)	\$83.90
BV1242	Aerobic + anaerobic Culture + Sensitivity			\$149.30
ADD210	Follow-up Aerobic culture + Sensitivity* Follow -up culture on same source may be ordered within 2 months of original submission of an Aerobic Culture. Indicate order number and date of the original submission on the requisition form. *Kirby-Bauer method			\$71.90
CM030	Anaerobic Culture (N-O-R) Refrigerate; sterile container as small as possible for the sample so that there is as little air as possible in the container, or a swab with a solid transport medium. Refer to Appendix 1, if you are hesitating between aerobic or anaerobic culture.	10 µl Tissue, swab, urine, liquid, other		\$88.55
BV1155	Blood Culture + Antibiotic sensitivity (N) Must use One-bottle, Blood culture system, follow the incubation protocol and DO NOT REFRIGERATE. This test detects the growth of aerobic, anaerobic and micro-aerophilic organisms from blood samples using the blood culture system.	One-bottle, Blood culture system	21 D	\$149.30
CM225	Campylobacter jejuni/coli/lari (culture) (N-O-R) Also available in profile, see Fecal culture.	1 g Feces ▲	5-10 D	\$82.00
BV1143	Clostridium perfringens (culture) (N-O-R) Also available in profile, see Fecal culture.	1 g Feces ▲	3-6 D	\$82.00
CM060	CMIC (Culture and MIC) (N-O-R) Refrigerate; sterile container or swab with transport medium (not dry swab). To learn more on MIC, see Appendix 6.	250 µl urine ou 10 µl Tissue, swab, liquid, other	48-78 h	\$89.35
ADD210	Follow-up - CMIC (Culture and MIC) Follow -up CMIC on same source may be ordered within 2 months of original submission of an CMIC. Indicate order number and date of the original submission on the requisition form.			\$77.35
BV1143	Fecal culture + ATB (N-O-R) Includes aerobic culture, <i>Campylobacter jejuni/coli/lari</i> , <i>Clostridium perfringens</i> , <i>Salmonella</i> spp. and <i>iShigella</i> . When isolating salmonella or shigella, an Antibiotic Sensitivity will be automatically performed.	10 g Feces ▲	3-10 D	\$104.60
TRD-760	One-bottle, Blood culture system			\$40.00
CM110	Mycoplasma (culture) (N-B)	Tissue, swab	7-10 D	\$140.10
CM080	Fungus (Isolation)  (N) Refrigerate; sterile container. This test is done externally. *Results may take up to 30 days	Skin scraping; swab; other	*	\$81.20
CM121	Salmonella (culture) (N-O-R) Refrigerate; sterile container Also available in profile, see Fecal culture Also available Serotyping see PCR section	Tissue; feces; other	4 D	\$82.30
CM240	Ringworm (Fungal culture) (N) Skin scraping, Hair. A culture is performed on a selective medium for Dermatophytes, if a typical growth is observed, a confirmation by our PCR test is performed and included in the price.	Skin scraping, Hair	21 D *	\$95.40
PARASITOLOGY (EXOTIC)				
CT820	Giardia ELISA (N-O-R) Keep cool.	5 g Feces ▲		\$73.00
	Ova & parasites, see Parasitology		5 j	
CT805	Parasitology (N-O-R)	5 g Feces ▲		\$56.15
	Wisconsin or Zinc Sulfate, see Parasitology			

Exotic Animals: Test Offers

CODE	TEST NAME - DESCRIPTION	SPECIMEN	TAT	LIST PRICE
PATHOLOGY/CYTOLOGY/HISTOPATHOLOGY (EXOTIQUE)				
CBONE	Bone marrow (aspiration) Submit 3 to 6 slides made immediately after collection (unstained) and the rest of the sample into EDTA tube.	Smear + Whole blood EDTA (L)		\$114.40
Cancer Pathology Service (Biopsy), see Oncology section				
CFLUA	Cytology (fluids/lavage analysis) (N) Submit the sample in an EDTA tube. Keep refrigerated and submit as soon as possible. Also submit air-dried fluid smears prepared immediately after collection. If the sample appears to be slightly cellular, centrifuge a portion of the sample and smear from the sediment. Mention the method used.		⌚	\$120.95
CCYTO	Cytology (mass/tissue) (1 to 2 sites) (N-O-R) It is recommended to submit 3 to 5 slides per mass. Properly identify the slides with the sample site, patient name and owner. If you need help for technique for sampling and spreading slides, contact us.		⌚	\$108.95
CCYT3	Additional site			\$39.20
CFBX	Histopathology (1 to 4 tissues) (N-O-R) Place the sample in 10% formalin. The formalin volume should be at least 10 times that of the tissue. Use containers with a wide mouth. Hollow organs (e.g., intestines) should be open lengthwise before being placed in formalin to ensure good fixation of the mucosa. For all excisional biopsies, margins will be assessed.			\$135.45
CFBX5	Additional tissue			\$36.00
CFBX	Histopathology following up a cytology Note: You must send us the case within 60 days after submitting the first case. It is important to indicate your order number from the previous case. *These tests are performed from Monday to Friday			\$110.05
IHC2	Immunohistochemistry  This test is done externally.			\$219.05
PCR (EXOTIC)				
BV7070	Bornavirus  (B)  Fecal swab, feces. This test is done externally	0.2 mL Whole blood EDTA (L) 	3 D	\$175.45
BV0131	Bird sexing (B)  3 to 4 feathers or FTA card. Only 3-4 small feathers from the chest or the base of the neck.	3 or 1-2 mL Whole blood EDTA (L)	5-10 D *	\$102.40
BV7021	Chlamydia-spp-PCR  (anc.C. Psittacci) (B)  Cloacal swabs, Feces  . This test is done externally.	2.0 mL Whole blood EDTA (L) or Heparinized [G] or 	2 D	\$98.10
CS86319	Cryptosporidium spp. qPCR (N-R)	Feces 	2-3 D *	\$68.15
BV1144	Dermatophytes (Ringworm) qPCR (N)  Samples of hair and/or hair dander (min 10) or culture media with hair. Take the hair and dander from border of lesions in an empty sterile container. In the absence of visible lesions, brush the coat with a toothbrush. The main zoophilic species detected are: <i>Microsporum</i> spp., <i>Microsporum canis</i> , <i>Trichophyton</i> spp (<i>benhamiae</i> , <i>bulbosum</i> , <i>equinum</i> , <i>erinacei</i> , <i>mentagrophytes</i> , <i>quinckeanum</i> , <i>simii</i> , <i>verrucosum</i>) and <i>Nannizzia gypsea</i> (essentially geophilic species, formerly known as <i>Microsporum gypseum</i>). These three species or species complexes are now highlighted using a new real-time PCR (qPCR) multiplex. See also Ringworm (Fungal culture) in Microbiology section.		1-2 D *	\$86.05
BV0005	Guardia spp. qPCR (N-B)	5 g Feces 	2-3 D *	\$68.15

CODE	TEST NAME • DESCRIPTION	SPECIMEN	TAT	LIST PRICE
BV0012	Influenza A qPCR (N) Pharyngeal or conjunctival swab. Collect the sample with a dry cotton swab and put it in a dry tube without transport medium. Keep refrigerated. Also available in profile see Respiratory profile (canine or feline)	Pharyngeal or conjunctival swab	1-2 D *	\$67.50
BV7015	MiDOG® Next generation DNA sequencing Microbial Test (N-B-R) Swab (tongue, feces, ear or skin) or urine (2 mL) Room temperature. Collection kits, instruction and information available on our website: www.biovet.ca/en/midog . identification of bacterial and fungi pathogens to guide the design of targeted and accurate therapies. This test is available for other species than dog such as cat, rabbit, horse and others for which MiDOG® is currently gathering data in order to possibly have a comprehensive database such as for the dog. This test is done externally.		5-8 D	\$210.95
	Mycoplasmas PCR (Avian) (MG-MS-Mm-Mi) (N-B-R) This test is done externally.	Nasal swab	4 D	\$81.75
CS16789	Mycoplasma spp qPCR (N) Pharyngeal or conjunctival swab. Collect the sample with a dry cotton swab and put it in a dry tube without transport medium. Keep refrigerated.	Pharyngeal or conjunctival swab	1-2 D *	\$68.15
BV1130	qPCR parasites profile (N) Includes <i>Cryptosporidium</i> spp. and <i>Giardia</i> spp.	Feces ▲	1-2 D *	\$57.70
BV1156	Tick borne diseases qPCR [B] One or more ticks placed in an airtight container without additives. Detection of <i>Borrelia</i> spp., <i>Anaplasma phagocytophilum</i> , <i>Babesia</i> spp. and <i>Ehrlichia</i> spp.* * <i>Borrelia</i> spp: available ONLY on tick.	Ticks* or 1.0 mL Whole blood EDTA (L)	3-4 D *	\$96.45

*These tests are performed from Monday to Friday.

UROLOGY (EXOTIC)

CT760	Urinalysis (N) (chemical, physical and microscopic) Keep cool. Available	5.0 mL Fresh urine	24 h	45.25 \$
BV1013	Urinalysis with pathologist's comment			52.25 \$
CADD220	Add-on Urinalysis			36.50 \$
BV7097	Urolith analysis (N) Submit in a clean container with Royal Canin's form. This test is done externally.	Urolith	2-3 s	34.90 \$
CT775	Urology Profile and Protein/Creatinine Ratio (N) (chemical, physical and microscopic) Keep cool.	5.0 mL Fresh urine		47.15 \$

OTHER SERVICES, FEES AND DISCOUNTS (EXOTIC)

BVFR03	Cancellation fees			\$21.80
BVFR08	Emergency fees (RUSH)			\$21.80
BVFR06	Intermediate fees			\$34.90
CT764	Pathologist's comments			\$48.25
CT764	Pathologist's comments – on results of your in-house analyzers from Biovet.			\$48.25
BVFR02	Pooling fees (max. 5 samples)			\$13.10
	Cooler upon request			Variable
	Volume discount per month			
	• \$1000 and over = 3% • \$2000 and over = 5%			
	• \$3000 and over = 8% • \$4000 and over = 10%			

Prices are subject to change without notice.

Contact us to learn more about our different programs or to check the availability of tests not listed in this guide.

Reagents and Supplies For Analyzers

Terms and Conditions

Shipping charges of \$ 25.00 are applicable for orders of material under \$500.00.
The order form is available on the site. Send your order to: order@biovet-inc.com.

Chemistry

Element DC / DCX / DC5X

- Dry slide technology
- Excellent reproducibility
- 25 individual tests and 6 panels available
- Accurate results in just minutes



BIOVET N°	PRODUCT NAME	PAC	PRIC	INDIVIDUAL
INDIVIDUAL TESTS FOR ELEMENT DC/ DCX/ DC5X				
TRD-624	Acide urique	24	\$192.00	\$8.00
TRD-560	Albumin	24	\$192.00	\$8.00
TRD-561	Alkaline Phosphatase	24	\$192.00	\$8.00
TRD-562	ALT (GPT)	24	\$192.00	\$8.00
TRD-625	Amylase	24	\$192.00	\$8.00
TRD-564	AST (GOT)	24	\$192.00	\$8.00
TRD-620	Total Bilirubin	24	\$192.00	\$8.00
TRD-568	Calcium	24	\$192.00	\$8.00
TRD-621	Total Cholesterol	24	\$192.00	\$8.00
TRD-569	CK	24	\$192.00	\$8.00
TRD-571	Creatinine	24	\$192.00	\$8.00
TRD-588	GGT	24	\$192.00	\$8.00
TRD-589	Glucose	24	\$192.00	\$8.00
TRD-596	LDH	24	\$192.00	\$8.00
TRD-597	Lipase	24	\$192.00	\$8.00
TRD-601	Magnesium	24	\$192.00	\$8.00
TRD-603	Phosphorus	24	\$192.00	\$8.00
TRD-622	Total Protein	24	\$192.00	\$8.00
TRD-623	Triglycerides	24	\$192.00	\$8.00
TRD-567	BUN	24	\$192.00	\$8.00
PANELS FOR ELEMENT DC / DCX / DC5X				
TRD-600	Liver Panel (ALB, ALP, ALT, GGT, GLU, TBIL)	4	\$160.80	\$40.20
TRD-595	Kidney Panel (ALB, BUN, CA, CREA, PHOS, TP)	4	\$160.80	\$40.20
TRD-570	Comprehensive Panel EWRAP - (ALP, ALT, BUN, CREA, GLU, TP, TBIL, ALB PHOS, CA CHOL, GGT)	6	\$248.40	\$41.40
TRD-587	Equine Panel (ALB, AST, BUN, CA, CK, CREA, GGT, GLU, LDH, PHOS, TBIL, TP)	2	\$98.20	\$49.10
TRD-606	Plus Panel EWRAP - (LIP, AMY, MG, TRIG, AST, LYTES)	6	\$243.00	\$40.50
TRD-607	Pre-Surgical Panel/EWRAP (ALP, ALT, BUN, CREA, GLU, TP)	12	\$381.60	\$31.80
TRD-577	Electrolytes (Na, K, Cl) with reference Fluid 1 Bottle	24	\$297.60	\$12.40

BIOVET N°	PRODUCT NAME	PAC	PRIC	INDIVIDUAL
SUPPLY FOR ELEMENT DC / DCX / DC5X				
LBI-287	Plain wood applicator	1000	\$100.00	\$0.10
TRD-566	Auto Tips, DRI-CHEM 7000 Analyzer	96	\$45.12	\$0.47
TRD-610	Slide Cartridge, DRI-CHEM Analyzer	2	\$187.40	\$93.70
TRD-556	Centrifuge, DRI-CHEM Analyzer	1	\$811.30	\$811.30
TRD-633	Auto Mixing Cups	50	\$85.00	\$1.70
TRD-565	Auto Mixing Cups for DCX & DC5X	50	\$65.00	\$1.30
TRD-574	DRI-CHEM® Optics Cleaning Swabs (10/bag)	10	\$17.80	\$1.78
TRD-576	Electrolyte Reference Fluid, DRI-CHEM Analyzer, (8mL)	1	\$14.70	\$14.70
TRD-575	Electrolyte Reference Fluid, DRI-CHEM Analyzer, (8mL)	6	\$57.00	\$9.50
TRD-602	Paper, DRI-CHEM Analyzer	3	\$63.90	\$21.30
TRD-611	Slide Weight, DRI-CHEM Analyzer	2	\$42.20	\$21.10
TRD-608	Sample Racks (0.5 mL and 1.5 mL)	2	\$343.80	\$171.90
TRD-594	HESKA Chemistry System Control	1	\$81.40	\$81.40
TRD-619	Tip Rack, DRI-CHEM 7000 analyzer	1	\$141.30	\$141.30
TRD-598	Lithium Heparin Tubes (Green), DRI-CHEM Analyzer (0.5mL)	100	\$96.00	\$0.96
TRD-599	Lithium Heparin Tubes (Green), DRI-CHEM Analyzer (1.5mL)	100	\$96.00	\$0.96
TRD-605	Plain Tubes (Red), DRI-CHEM Analyzer (0.5mL)	100	\$66.00	\$0.66
TRD-604	Plain Tubes (Red), DRI-CHEM Analyzer (1.5mL)	100	\$66.00	\$0.66

Hematology

Vet ABC Plus+

- Provides a 4-part WBC differential
- Requires as little as 10 µL of blood
- Results in 60 seconds
- Higher impedance technology



BIOVET N°	PRODUCT NAME	PAC	PRIC	INDIVIDUAL
VET ABC PLUS+				
TRD-631	Hematology Control for Vet ABC+ (1 tube)		\$97.40	
TRD-559	ABC+ Hematology Device		\$773.90	

Hematology

Element HT5

Combination laser flow cytometry, impedance and colorimetric technology ensures the most accurate results.

- Provides a 4-part WBC differential
- Requires as little as 10 µL of blood
- Results in 60 seconds



BIOVET N°	PRODUCT NAME	PAC	PRIC	INDIVIDUAL
ELEMENT HT5				
TRD-579	Element HT5 Veterinary Hematology Control – NORMAL (2 Vials, 3.0 mL)		\$144.10	
TRD-580	Element HT5 Veterinary Hematology Control – TRI-LEVEL (12 vials)		\$720.50	
TRD-581	Element HT5, DiffLyse Solution (300 mL)		\$273.60	
TRD-582	Element HT5, Diluent Solution (2 X 5.5L)		\$428.10	
TRD-583	Element HT5, LH Lyse Solution (90 mL)		\$273.60	
TRD-584	Element HT5, Probe Cleaner		\$63.20	

Element Coag+

- Accurate results in 15 minutes
- Small sample size (100 µL or less)



BIOVET N°	PRODUCT NAME	PAC	PRIC	INDIVIDUAL
ELEMENT COAG+				
TRD-698	Mix PTT/aPTT (Canine & Feline)	12	\$598.80	\$49.90
TRD-699	Cleaning strips	20	\$30.00	\$1.50
TRD-700	PT Liquid control Level (4 x 4 ml)	4	\$100.40	\$25.10
TRD-701	Control PT Re-Calcification	12	\$117.60	\$9.80

Element Coag

- Accurate results in 15 minutes
- Large 7-inches color touchscreen offers easy navigation
- Small sample size (100 µL or less)



BIOVET N°	PRODUCT NAME	PAC	PRIC	INDIVIDUAL
ELEMENT COAG				
TRD-682	Mix PTT/aPTT (Canine & Feline)	12	\$598.80	\$49.90
TRD-683	Equine Fibrinogen Cartridge	12	\$392.40	\$32.70
TRD-684	Canine Fibrinogen Cartridge	6	\$241.20	\$40.20
TRD-685	Canine Blood Typing Cartridge	6	\$433.80	\$72.30
TRD-686	Feline Blood Typing Cartridge	6	\$433.80	\$72.30

Endocrinology

Elementt I +

- Makes T4, TSH, and cortisol, Bile Acids and progesterone
- Technology on the cutting edge
- Results in 10 minutes



BIOVET N°	PRODUCT NAME	PAC	PRIC	INDIVIDUAL
ELEMENTT I +				
TRD-541	Element i+ Tips	96	\$44.16	\$0.46
TRD-542	Cortisol	12	\$423.60	\$35.30
TRD-702	CRP	12	\$430.80	\$35.90
TRD-543	T4	12	\$420.00	\$35.00
TRD-689	TSH	12	\$688.80	\$57.40
TRD-538	Progesterone	12	\$657.60	\$54.80
TRD-652	T4 Pipettes 100 µl	3	\$103.50	\$34.50

Elementt I

- Makes T4, TSH, and cortisol, Bile Acids and progesterone
- Technology on the cutting edge
- Results in 10 minutes



BIOVET N°	PRODUCT NAME	PAC	PRIC	INDIVIDUAL
ELEMENTT I				
TRD-648	Bile acids	10	\$307.00	\$30.70
TRD-635	Cortisol	10	\$324.00	\$32.40
TRD-637	T4	10	\$340.00	\$34.00
TRD-636	TSH	10	\$527.00	\$52.70
TRD-548	Progesterone	10	532.00	\$53.20

Electrolytes and Blood Gases

Element POC

- Critical chemistry, metabolic parameters, electrolytes, hematocrit and blood gas
- Results in just 35 seconds
- As little as 100 µL of blood



BIOVET N°	PRODUCT NAME	PAC	PRIC	INDIVIDUAL
ELEMENTT I				
TRD-586	Element POC Test cards	10	\$329.00	\$32.90
TRD-585	Element POC Test cards	25	\$795.00	\$31.80

Others

Eurolyser Solo/Cube

- 3 easy steps use
- Requires only 20 µL sample
- Accurate results in a few minutes



BIOVET N°	PRODUCT NAME	PAC	PRIC	INDIVIDUAL
EUROLYSER SOLO/CUBE				
TRD-612	cCRP	16	\$438.40	\$27.40
TRD-613	Fibrinogen	16	\$438.40	\$27.40
TRD-638	Fructosamin	6	\$126.00	\$21.00
TRD-614	Fructosamin	16	\$316.80	\$19.80
TRD-679	Lactate	6	\$104.40	\$17.40
TRD-647	Pancreas specific Lipase test kit	6	\$174.00	\$29.00
TRD-615	Pancreas specific Lipase test kit	16	\$425.60	\$26.60
TRD-641	Phenobarbital	6	\$210.00	\$35.00
TRD-680	Progesterone	6	\$319.20	\$53.20
TRD-616	SAA	6	\$310.80	\$51.80
TRD-690	SAA Control	6	\$235.20	\$39.20
TRD-590	SDMA	6	\$170.40	\$28.40
TRD-591	SDMA	16	\$422.40	\$26.40
TRD-639	T4 test kit	6	\$209.40	\$34.90
TRD-617	T4 test kit	16	\$516.80	\$32.30

Element AIM

- Artificial intelligence automated Fecal and Urine
- Allows standardization of operations
- Accurate results in minutes



BIOVET N°	PRODUCT NAME	PAC	PRIC	INDIVIDUAL
ELEMENT AIM				
TRD-692	Urine/Fecal Cartridge	16	\$690.00	\$23.00
TRD-613	Fecal Prep kit	16	\$234.00	\$7.80

Appendix 1 – Aerobic Or Anaerobic Culture: How To Choose?

We regularly receive questions about what type of culture to choose (aerobic or anaerobic?) and the samples to be submitted. The appropriate selection of samples and the type of culture is crucial for the culture to obtain a significant result.

Anaerobic germs, by definition, come from oxygen-poor, moisture-rich sites. To successfully grow these germs in the laboratory, it is important that samples are not exposed to air and retain moisture.

The conditions in which anaerobic germs are likely to be involved must include:

- Tissue necrosis
- Deep abscesses
- Bite wounds
- Wet pleurisy
- Aspiration pneumonia
- Metritis and pyometra
- Oral diseases
- Joint diseases

Appropriate samples for researching anaerobic germs include:

- Fluids (pleural, peritoneal, joint or cerebrospinal)
- Deep tissues (muscles, liver, etc.)
- Intestinal content

On the other hand, samples that are inappropriate for this type of research include, among others:

- Vaginal swabs
- Airway swabs and aspirations
- Skin swabs or superficial wounds
- Urine (unless taken by bladder puncture)



The following rules must apply for the collection and retention of samples for anaerobic germ research:

- **Fluids:** If they are taken by aspiration with a syringe, the air must be removed from the barrel of the syringe beforehand. The fluids must be placed in sterile tubes without additives and the tubes must be completely filled so as not to leave any air. The tubes must be tightly sealed. The syringe may also be sent to the laboratory after removing the needle.
- **Swab:** Swabs must be placed in an appropriate anaerobic transport medium, such as those available at Biovet.
- In all cases, the samples must be stored between 4 °C and 8 °C and reach the laboratory within 48 hours.

Reference

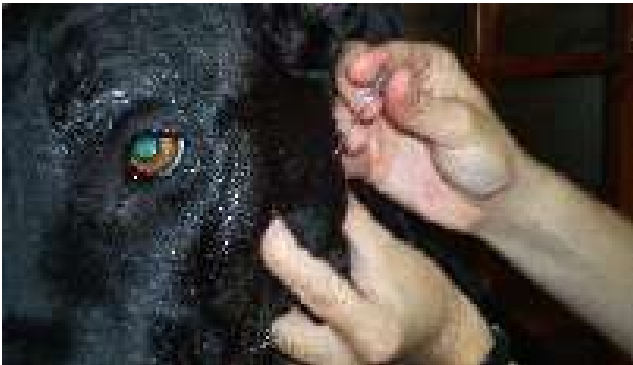
Purvis T. et Burklund A. Do I choose aerobic or anaerobic culture.
www.ksvdl.org/resources/news/diagnostic_insights/january2019/aerobic-anaerobic-culture.html

Appendix – Cytology

Sampling techniques

There are two main sampling techniques: capillarity and aspiration. The capillarity technique consists of isolating the mass with one hand (left hand if right-handed and vice versa) and then inserting the needle into the mass or organ with the other hand. Make a quick back-and-forth movement 6-7 times without exiting the mass or organ while staying in the same path. Remove the needle from the mass.

By capillarity



The aspiration technique is much the same as the capillarity technique, but a needle mounted on the syringe is used to collect the cytological material. The mass is isolated with one hand. Then use the other hand to insert the needle, previously mounted on the syringe, into the mass or organ. Negative pressure is applied by pulling the piston into the syringe. Several regions of the mass must be sampled. On the other hand, it is important to avoid sucking in material from the tissue surrounding the mass. When the needle is removed, no more negative pressure should be exerted.

By aspiration:

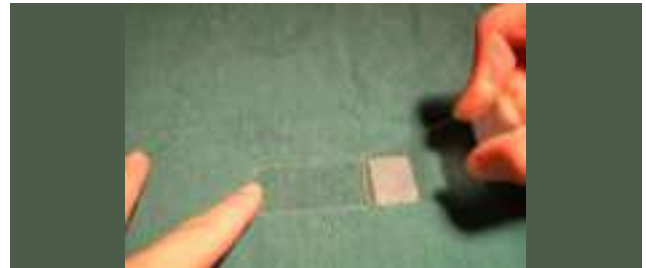


Spreading techniques

There are two main techniques for spreading the collected cytological material: the blood smear and squash prep techniques. The blood smear spreading technique is usually used when the harvested material is fairly liquid. By making sure there is air in the syringe mounted on the needle containing the collected cytological material, the contents

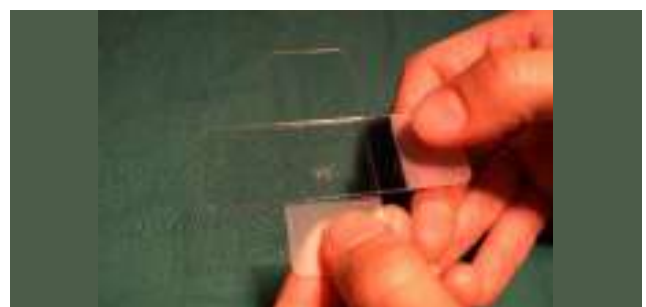
of the needle are expelled on one or two blades. A second blade is held obliquely in relation to the first blade. The blade is retracted onto the cytological material and then quickly expelled to produce a blood smear.

Blood smear



Squash prep

1. The contents of the needle are expelled at one end of the slide.
2. A second slide is affixed to the sample perpendicular to the first slide. **WARNING:** No pressure should be exerted.
3. This second slide is then slid gently and quickly through the first slide.



Appendix 3 – User’s Guide To Diagnose Tick-Borne Diseases

Infectious agents transmitted by ticks include *Anaplasma* spp, *Babesia* spp, *Borrelia burgdorferi*, and *Ehrlichia* spp. Diseases caused by these microorganisms can affect several systems in animals. Clinical signs include fever, anorexia, lethargy, lameness, myalgia, lymphadenopathy, weight loss, petechiae,

epistaxis, bruising or uveitis. Laboratory abnormalities may include thrombocytopenia, neutropenia, anemia, morula or inclusion in blood smear, lymphocytosis, hyperglobulinemia or proteinuria (Table 1).

Table 1

DISEASE	CLINICAL SIGN	LABORATORY ABNORMALITIES
Anaplasmosis	Fever, pale mucous membranes, anorexia, cough, respiratory distress	Thrombocytopenia, mild to moderate anaemia. Morula in granulocytes (<i>A. phagocytophilum</i>) or platelets (<i>A. platys</i>); if observed in the blood smear, it is suggestive of an infection but not always present.
Babesiosis	Pale and/or yellow mucous membranes	Thrombocytopenia, anemia (often severe). Inclusions in red blood cells; if observed in the blood smear, it is suggestive of an infection but not always present.
Ehrlichiose	Epistaxis, petechiae, bruises, pale mucous membranes, lameness, fever	Thrombocytopenia, mild to moderate anaemia, neutropenia, lymphocytosis, hyperglobulinemia. Morula in granulocytes (<i>E. ewingii</i>) or monocytes (<i>E. canis</i> , <i>E. chaffeensis</i>); if observed in the blood smear, it is suggestive of an infection but not always present.
t	Lamery, fever, anorexia, joint distension, myalgia, lymphadenopathy	(Poly-)neutrophilic arthropathy, proteinuria, kidney failure

Conditions for the use of diagnostic methods specific to tick-borne diseases:

- History of a tick attached to the animal
- Thrombocytopenia, neutropenia or anaemia, proteinuria of unknown origin
- Fever, lameness, joint effusion, myalgia, lethargy of unknown origin

Diagnosis should be based on confirmation of exposure to one of the microorganisms by serological testing or confirmation of their presence (by PCR or observation of morula or inclusion in blood smear), the presence of clinical signs suggestive of tick-borne diseases, laboratory results suggestive of the disease (see Table 1) and ultimately a response to treatment.

The presence of *Anaplasma* or *Ehrlichia* morula or *Babesia* inclusions may be noted on a blood smear during the subacute or acute phase, but it is not always possible to observe it during this phase. Alternatively, the use of molecular (PCR) or serological tests each has its advantages and disadvantages. On the one hand, molecular tests are generally more sensitive and specific, but the detection window is more limited. On the other hand, following the production of antibodies, serological tests can confirm exposure from the first weeks after infection up to several weeks or even months after exposure, but cannot confirm an active infection (see Table 2). Thus, the use of PCR can complement serology for the diagnosis of tick-borne diseases.

Appendix 4 – Guide to Diagnosing Diseases Transmitted by Ticks

Table 2

AGENT	ADVANTAGE	PCR DISADVANTAGE	PCR SAMPLE	AVANTAGE	SEROLOGY DISADVANTAGE
Anaplasma	Active infection detection	False-negative: <ul style="list-style-type: none"> • if received antibiotics • if tested too early or too late following the sighting of a tick on the animal • False negatives due 		Confirms exposure to false negatives on PCR test	Does not confirm an active infection; often negative at the onset of clinical signs; can remain positive despite effective therapy.
Babesia	Active infection detection	False negatives due to intermittent presence	Sang entier EDTA		False negative so few antibodies produced
Borrelia	Detection in tissues	False-negative: <ul style="list-style-type: none"> • Hard-to-detect organism in peripheral blood • Few organisms in the affected tissues • If received antibiotics 	Synovial liquid	Very sensitive to confirm exposure; some serological tests do not detect post-vaccination antibodies (no cross-reaction). Confirms exposure in case of false negative toPCR	Confirms exposure, but not active infection; becomes positive only 3 to 6 weeks following exposure of a Borrelia-carrying tick; May remain positive several months after treatment.
Ehrlichia	Active infection detection	Faux négatifs: <ul style="list-style-type: none"> • Si a reçu des antibiotiques -si testé trop tôt ou trop tard suite à l'observation d'une tique sur l'animal; -lors d'infection chronique à Ehrlichia canis 	Sang entier EDTA confirme une	Confirms exposure in case of false negative to PCR	Does not confirm an active infection; may remain positive for several months after treatment, cannot be used to verify the response to treatment.

PCR profile for tick-borne diseases

At Biovet, we offer three real-time PCR profiles (qPCR) for tick-borne diseases:

1. Profile on blood: Anaplasma phagocytophilum, Babesia spp and Ehrlichia spp
2. Profile on tick:
 - a. 2 diseases: Anaplasma phagocytophilum and Borrelia burgdorferi
 - b. 4 diseases: Anaplasma phagocytophilum, Borrelia burgdorferi, Babesia spp and Ehrlichia spp.

Multiplex PCR tests can detect multiple agents in a single reaction with very high sensitivity and specificity. A positive PCR test testifies to the presence of the genome of the organism tested in the sample analyzed. A negative PCR test

means that there are no detectable organisms in circulation, either that the animal is not infected (true negative) or that the organism is not present in sufficient quantities to be detectable (e.g. during antibiotic treatment that can decrease the number of organisms). The analytical sensitivity of our multiplex PCR test (qPCR) is excellent with a detection capability of up to 50 genomic copies per reaction. Our test is specific for Anaplasma phagocytophilum and Borrelia burgdorferi. It allows the detection of several species of Babesia, including B.canis, B.microti, B.divergens, B.gibsoni, B.felis and B.odocoilei (the agent of babesiosis of deer). When we obtain a positive result, we can determine the species by sequencing. Finally, the test allows the detection of several species of Ehrlichia including E. canis, E.chaffeensis, E.ewingii and E.muris. As with Babesia, we can also identify the species by sequencing.

The ticks we have tested so far for these pathogens were carriers of *Borrelia burgdorferi*, *Anaplasma phagocytophilum* and *Babesia* spp in 25%, 10% and 20% of cases respectively. For *Babesia*, all our positive ticks were positive for *B. odocoilei*.

Serological profile for tick-borne diseases

Our serological profile for tick-borne diseases can detect antibodies against *Anaplasma phagocytophilum*, *Anaplasma platys*, *Borrelia burgdorferi*, *Ehrlichia canis* and *Ehrlichia ewingii*.

A positive serological test indicates the presence of antibodies against the organism tested following exposure but does not necessarily confirm the existence of an active infection. Detectable antibodies usually appear 2-4 weeks after exposure (3-6 weeks in the case of *Borrelia burgdorferi*) and can persist for months or even years, especially for *Anaplasma* and *Ehrlichia*, sometimes regardless of effective therapy.

A negative serological test means that there are no detectable antibodies against this organism, which can occur in the absence of infection or very recent infection (before the antibodies are produced in sufficient quantities to be detectable).

PCR and/or serology?

To make a good choice regarding the diagnostic test (PCR vs. serology), it is necessary to know whether the organism tested has a good chance of circulating during the presentation of the patient. In order to obtain a positive PCR test, the organism (or rather the nucleic acid sequence that is targeted for this organism) must be present in the sample. Since PCR tests are very sensitive and can detect small amounts of organisms, if circulating organisms are present in large enough quantities at the time of clinical signs, then it is very likely that the PCR test detects infection, as is the case for *Anaplasma phagocytophilum*, *Babesia gibsoni*, *Babesia canis* and *Ehrlichia canis*.

Anaplasma phagocytophilum typically causes acute illness in dogs even before seroconversion. Thus, during acute infection the PCR test to detect these agents is more reliable. On the other hand, if the organism is not present in the aliquot tested or if the patient has received an antibiotic (including Doxycycline) that could decrease the number of copies of the circulating organism, then a PCR test could be negative. A subsequent PCR test (if the animal has not received an antibiotic) or a serological test two to four weeks later could help confirm an infection if the initial PCR was negative. For serological tests for *Anaplasma phagocytophilum*, these may remain positive for several months.

It is important to know that some tick-borne organisms are not always present in sufficient circulating quantities to be detectable by PCR, especially during chronic infection as is sometimes the case with *Babesia* spp and *Ehrlichia canis*. In addition, *Borrelia burgdorferi* does not circulate in sufficient quantities to be detected in peripheral blood. In humans, synovial fluid can be submitted for PCR detection of *B. burgdorferi*, but the use of this diagnostic tool in veterinary medicine is less documented. Since clinical signs of Lyme disease do not occur for a few months following exposure to an infected tick, serological tests rather than PCR tests are usually used to confirm exposure to *Borrelia burgdorferi*. It should be noted, however, that a positive serological test in an endemic region for *Borrelia burgdorferi* confirms exposure but not necessarily an active infection, as only 5% of seropositive dogs will eventually develop associated clinical signs, which usually do not appear until 2 to 6 months after exposure.

Although the PCR test is sensitive to *Babesia* detection, it can be negative intermittently during infection. It may then be advantageous to repeat the PCR test to increase sensitivity or to perform a serological test. It should be noted, however, that during chronic *Babesia* infection, some dogs may not have enough antibodies produced to be detectable to serology.

Summary of the pros and cons of PCR and serological tests:

Serological test (antibody detection):

- If positive: Means exposure but not necessarily the disease; in addition, serological tests can remain positive for a long time, even after effective treatment.
- If negative: Means either no exposure or an antibody level too low for detection (e.g. infection). Thus, a negative antibody test does not necessarily mean that there is no infection.

PCR test (detection of the organism):

- If positive: Means an infection
- If negative: Means either no exposure or too few organisms to be detected. Thus, a negative PCR test does not necessarily mean that there is no infection.

So during a chronic disease (more than 4 weeks), a serological test may be sufficient. If it is an acute infection, a PCR test may be more sensitive than a serological test; a serological test performed 2 to 4 weeks later may also be suggested. In some cases, serological tests used in combination with PCR tests may improve diagnosis.

Appendix 4 – Guide to Diagnosing Diseases Transmitted by Ticks

PCR profile on ticks

PCR profile on ticks

Ticks can also be tested for infectious agents. It is important to know that this does not confirm the disease in the animal. If the tick is positive, it does not necessarily mean that it has infected the animal. Indeed, other factors must be considered including the time of contact of the tick with the animal (in the case of *Borrelia*, it must remain attached at least 24-48 hours to the animal to transmit the bacteria). If the test is negative, it means that the risk of disease transmission is very low for this tick. However, this does not rule out any risk of transmission because another tick infected but not observed in the animal (and which has not been tested) could transmit infectious agents.

The PCR tick profile offers the possibility of testing blood (and ticks found on patients) for multiple agents and to be able to detect co-infections using serology and/or PCR on the animal. Parallel testing of a dog in serology and PCR can substantially increase the detection of an infection with any of the infectious agents, making it easier to diagnose and sometimes even treat. Indeed, the presence of co-infections can sometimes explain the variation in clinical presentation and response to the treatment of tick-borne diseases.

The clinician should always consider the epidemiology (including the prevalence of the disease and the active tick season in the region) and the pathophysiology of each agent to interpret the results. Thus, it is important to know the onset time of clinical signs in relation to the presumed time of infection, to know when and if organisms are circulating in peripheral blood, and whether they are circulating in large enough numbers to be detectable to determine whether serology and/or PCR or an acute or convalescent serological test is more appropriate. It might be prudent to take both serum and whole blood EDTA before antibiotic therapy, which is stored in the freezer (serum) or refrigerator (whole blood). Thus, if only one test is used (PCR or serology) and the test turns out to be negative, then this allows you to request the other test later or even submit another profile later in order to increase the chances of being able to detect the organism or organisms involved.

Recommended samples

PCR

- 1-2 mL of whole blood refrigerated in an EDTA tube
- 1 mL of synovial liquid in an EDTA tube
- a live or dead tick without a fixative (several ticks taken from the same animal can be grouped in the same container)

Serology

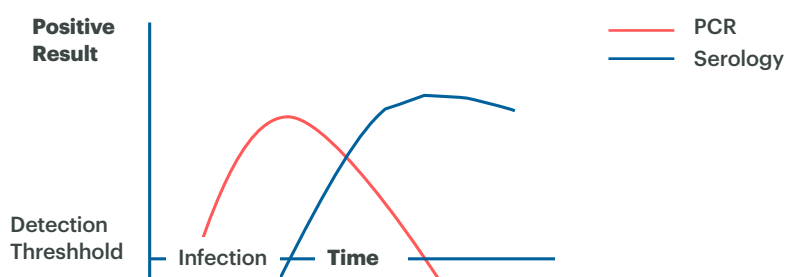
- 1 mL of serum (refrigerated or frozen)

Appendix 5 – Interpretation Grid For Tick-Transmissible Diseases

MALADIE	PRÉVALENCE	CELLULES CIBLES	SIGNES CLINIQUES	ANOMALIES DE LABORATOIRE	PCR	SEROLOGY ²	CAUSES
Anaplasmosis	0.92% ¹	Morula in granulocytes (<i>A. phagocytophilum</i> platelets (<i>A. platys</i>); if observed in the blood smear it is suggestive of an infection but not always present.	Pale mucous membranes, fever, anorexia, cough respiratory distress.	Thrombocytopenia, mild to moderate anaemia.	+	+	Active infection
						-	Onset of infection
					-	+	Exposure to <i>Anaplasma phagocytophilum</i> or <i>A. platys</i> . Does not confirm an active infection unless a false NEGATIVE in PCR (e.g. if received antibiotics).
						-	Does not confirm anaplasmosis
Babésiose	2.9% ²	Inclusion in red blood cells; if observed in the blood smear it is suggestive of an infection but not always present.	Pale and/or yellow mucous membranes	Thrombocytopenia, anemia (often severe)	+	+	Active infection
						-	Onset of infection
					-	+	Exhibition in <i>Babesia</i> . Does not confirm an active infection unless a false NEGATIVE in PCR (e.g. if received antibiotics).
						-	Does not confirm a babesiosis
Ehrlichiose	0.49% ¹	Morula in granulocytes (<i>E. ewingi</i>) or monocytes (<i>E. canis</i> , <i>E. chaffensis</i>); if observed in the blood smear it is suggestive of an infection but still not present.	Epistaxis, petechiae, bruises, pale mucous membranes lameness, fever.	Thrombocytopenie, anémie légère à modérée, neutropénie, lymphocytose, hyperglobulinémie	+	+	Active infection
						-	Onset of infection
					-	+	Exhibition in <i>Ehrlichia canis</i> or <i>E. ewingii</i> . Does not confirm an active infection unless a false NEGATIVE in PCR (e.g. if received antibiotics).
						-	Does not confirm ehrlichiosis
Lyme	4.67% ¹		Case, anorexia fever, joint distension, lymphadenopathy myalgia	(Poly-)neutrophilic arthropathy, proteinuria, kidney failure	-	+	Exhibition in <i>Borrelia burgdorferi</i> . To be interpreted according to the presence of clinical signs or laboratory abnormalities suggestive of this condition after the elimination of other possible causes.
					*	-	Does not confirm Lyme Disease. Possibility of false NEGATIVE if tested at onset of infection (3-6 weeks post-exposure to a tick carrying <i>Borrelia</i>).

1. Seroprevalence of the disease in Quebec (2020) according to CAPC (<https://capcvet.org>) June 29, 2020.
2. Molecular Prevalence by JVIM, 2019; 33(5): 2075-2081. doi: 10.1111/jvim.15560. Epub 2019 Jul 23. Prevalence of *Babesia* spp and clinical characteristics of *Babesia vulpes* infection in North American dogs.
3. A negative serological test does not confirm the absence of exposure, as sometimes at the onset of infection (2-4 weeks post-infection) a dog may show clinical signs for *Anaplasma* or *Ehrlichia*, but may not have enough antibodies detectable to serology.
4. *Since the amount of *Borrelia* in the blood is very low, a PCR test in the blood is usually negative. It is possible to test PCR on a tick to check if it carries *Borrelia* or test the synovial liquid.

Kinetics of blood diagnostic tests for tick-borne diseases



Appendix 6 – List of Antibiotics (Sensitivity)

	General	Urine	Ears	Eyes	Rodents	Rabbits	Birds	Reptiles
ANTIBIOTICS - COMPANION ANIMALS								
Fusidic acid	•		•					
Amikacin								•
Amoxicillin	•	•	•				•	•
Amoxicillin / Clavulanic Acid	•	•	•	•			•	•
Ampicillin		•						
Ampicillin					•	•		
Bacitracin				•				
Cefovecin	•	•						
Cefpodoxime	•							
Ceftazidime								•
Ceftiofur								•
Cephalexin	•	•	•					•
Cephazolin		•						
Chloramphenicol	•	•		•	•	•	•	•
Ciprofloxacin				•	•	•	•	
Clindamycin	•							•
Doxycycline	•	•	•	•	•	•	•	•
Enrofloxacin	•	•	•		•	•	•	•
Erythromycin Gram+ only)			•	•				
Florfenicol			•					
Gentamicin			•		•	•	•	•
Marbofloxacin	•	•	•		•	•		
Metronidazole		•						
Neomycin			•	•				
Nitrofurantoin		•						
Oxacillin (Staph only)	•		•					
Penicillin G (Gram+ only)					•	•	•	•
Polymyxin B (Gram- only)	•		•	•	•	•	•	
Sulphamethoxazole/Trimethoprim	•	•			•	•	•	•
Tetracycline				•				
Ticarcillin (Gram- only)			•					
Tobramycin			•	•				

Other antibiotics available

- Apramycin
- Cefalotin
- Cefoxitin
- Cloxacillin
- Gamithromycin
- Imipenem
- Kanamycin
- Lincomycin
- Meropenem
- Moxifloxacin
- Mupirocin
- Norfloxacin
- Novobiocin
- Ofloxacin
- Penicillin / Novobiocin
- Piperacillin
- Pirlimycin
- Pradofloxacin
- Rifampicin
- Spectinomycin
- Streptomycin
- Sulbactam / Ampicillin
- Sulfamethoxazole
- Sulphafurazole / Sulfisoxazole
- Tildipirosin
- Tilmicosin
- Tulatromycin

Appendix 7 – Minimum Concentration Inhibitory (Cmi)

The minimum inhibitory concentration (MIC) is the lowest concentration (ug/mL) of an antibiotic that inhibits bacterial growth. The Sensititre Sensitivity System is an in vitro diagnostic test, based on fluorescence technology, for the analysis of the clinical sensitivity of isolates of non-fastidious bacteria.

The Breakpoint critical concentration method is a broth dilution method for qualitative sensitivity analyses. A critical concentration is by definition the concentration of an antibiotic that inhibits the growth of a sensitive organism, but not a resistant organism. For most antimicrobial agents, 2 concentrations are used: a low concentration (corresponding to the upper limit of the sensitive category) and a high concentration (corresponding to the upper limit of the intermediate category). The MIC reveals to the clinician the exact concentration of the antibiotic required to inhibit bacterial growth. (A precise calculation can be made by your pharmacist.)

The decision to choose one antibiotic over another must also account for several factors, such as: the site of infection, safety for the animal, ease of use, the state of health of the animal, the possible side effects of the drug, the cost, etc. The MIC value of one antibiotic cannot be compared with that of another antibiotic.

S = Sensitive, normally effective at suggested concentration

I = Intermediate, may be effective at higher than recommended doses

R = Resistant, not effective at recommended doses

New Analyzers Available at Biovet



element **AIM**

Urine and fecal
analyzer



element **DCX**

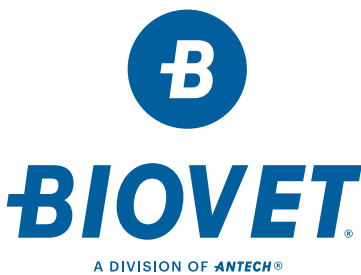
Next-generation
biochemistry analyzer



element **i+**

Progesterone, T4,
SDMA* & TSH

IN PARTNERSHIP WITH



*Coming Soon



New qPCR equine profiles available at Biovet

Now Being Performed In Biovet’s Laboratories

In Saint-Hyacinthe, Quebec

qPCR Digestive profile (diarrhea)

9 pathogens:

- Clostridium perfringens (toxin A)
- Clostridium difficile (toxin A)
- Clostridium difficile (toxin B)
- Equine coronavirus
- Cryptosporidium spp *
- Lawsonia intracellularis
- Neorickettsia risticii (Potomac Horse Fever)
- Rotavirus A
- Salmonella spp.

Samples to submit

Feces (5-10 g) or rectal swab in a tightly sealed container. Refrigerate and send on ice.

*New

qPCR Respiratory profile

8 pathogens:

- Equine herpes virus type 1 (EHV-1)
- Equine herpes virus type 4 (EHV-4)
- Influenza type A
- Rhodococcus equi
- Streptococcus equi spp. equi
- Streptococcus equi spp zooepidemicus
- Equine Rhinitis Viruses A
- Equine Rhinitis Viruses B



Samples to submit


Nasal swab, transtracheal lavage fluid, guttural pouch lavage, bronchoalveolar lavage fluid, or respiratory tract tissue. Tissues and fluids should be sent in a tightly sealed container. Swabs should be submitted without transport media in dry tubes. Refrigerate and send on ice.

Product Information

<p>TURNAROUND 1 to 2 working days instead of 5 days</p>	<p>SCHEDULE Monday to Friday</p>	<p>For further information, contact your representative at sales@biovet-inc.com</p>
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Equine: Test Offers

CODE	TEST NAME • DESCRIPTION	SPECIMEN	TAT	LIST PRICE
EQUINE: PROFILES				
BV1229	<p>★Basic Health Program Includes: Biovet complete equine Profile (see below) + Wisconsin. *Except for EIA test and Wisconsin for which it takes 1 to 2 days. EIA tests are performed from Monday to Friday and Wisconsin is done externally.</p>	1.0 mL Whole blood EDTA (L) + 1.0 mL serum (R) + 5 g Feces	⌚*	\$115.50
CBC (complete blood count), see HEMATOLOGY section				
BV1137	<p>Chemistry Profile Includes: Albumin, ALP, AST, Bilirubin - tot., dir. indir., Ca, Cl, CK, Creatinine, Gap, GGT, Globulins, Glucose, K, Na, P, Total Proteins, A/G Ratio, TCO2, BUN.</p>	1.0 mL serum (R)	⌚	\$74.00
BV1120	<p>Complete Biovet Profile Chemistry Profile (same as above) and CBC (see HEMATOLOGY section).</p>	1.0 mL Whole blood EDTA (L) + 1.0 mL serum (R)	⌚	\$92.85
BV1119	Also available with pathologist's comment			\$99.30
BV1228	<p>★Complete Health Program Includes: Biovet complete Profile (see below) + Equine infectious anemia (EIA) Ab ELISA + Wisconsin. *It is highly recommended to submit one tube for biochemistry and another for EIA test. **Except for EIA and Wisconsin for which it takes 1 to 2 days. EIA tests are performed Monday to Friday and Wisconsin is done externally.</p>	1.0 mL Whole blood EDTA (L) + 1.0 mL serum (R)* + 5 g Feces	⌚**	\$141.45
Digestive profile PCR see PCR section				
BV1125	<p>Health Profile Chemistry: AST - CK - Cl - TCO2 - Creatinine - Gap - GGT - K - Na - Total Proteins Hematology: Hematocrite - Hemoglobin - Erythrocytes - WBC - platelet - Cell morphology</p>	1.0 mL Whole blood EDTA (L) + 1.0 mL serum (R)	⌚	\$72.30
BV1124	<p>Health Profile plus Same as Health Profile above, but with fibrinogen</p>	1.0 mL Whole blood EDTA (L) + 1.0 mL serum (R)	⌚	\$74.45
BV1133	<p>★Health Program - Performance Includes: Biovet complete Profile (see below) + Equine infectious anemia (EIA) Ab ELISA. *It is highly recommended to submit one tube for biochemistry and another for EIA test. **Except for EIA for which it takes 1 to 2 days. EIA tests are performed Monday to Friday.</p>	1.0 mL Whole blood EDTA (L) + 1.0 mL serum (R)*	⌚**	\$110.10
BV1230	<p>★Health Program - Senior Includes: Biovet complete Profile (see below) + Endogenous ACTH, insulin + Equine infectious anemia (EIA) Ab ELISA + Wisconsin. *It is highly recommended to submit one tube for biochemistry and another for EIA test. **Except for EIA and Wisconsin for which it takes 1 to 2 days, up to 3 days for Endogenous ACTH and up to 5 days for insulin. EIA tests are performed Monday to Friday and Wisconsin is done externally.</p>	1.0 mL Whole blood EDTA (L) + 1.0 mL serum (R)* + 5 g Feces	⌚**	\$310.95
BV1111	<p>Hepatic Profile with SDH  Albumin, ALP, AST, Bilirubin tot., dir. indir., GGT, Globulins, Glucose, Total Proteins, A/G Ratio, BUN and SDH. *Except for SDH which is done externally.</p>	1.5 mL serum (R)	⌚*	\$92.85
BV7033	<p>★Metabolic Syndrome profile - Equine (EMS)  After centrifugation, transfer the serum to a glass or plastic tube. The ACTH assay is only run on EDTA plasma. Collect in EDTA tube, centrifuge within 4 hours of collection, transfer plasma EDTA into plastic tube then freeze. Clearly identify the tubes: serum and EDTA plasma. It is recommended to freeze samples. Do not use tubes with additives (i.e. separator gels). Includes: ACTH, insulin baseline, glucose, leptin and T4.</p>	1.0 mL Whole blood EDTA (L) + 1.0 mL serum (R)	4 D	\$327.80



CODE	TEST NAME • DESCRIPTION	SPECIMEN	TAT	LIST PRICE
BV1122	Muscular Profile Includes: Albumin - AST - CK - Cl - TCO2 - Creatinine - Gap - Glucose - K - Na - Total Proteins - BUN.	1.0 mL serum (R)	⌚	\$60.45
BV1123	Renal Profile / hydric balance Includes: Albumin, Ca, Cl, Creatinine, Gap, Globulins, Glucose, K, Na, P, Total Proteins, A/G Ratio, TCO2, BUN.	1.0 mL serum (R)	⌚	\$61.50
Reproductive profile PCR see PCR section				
Respiratory profile PCR see PCR section				
EQUINE: CHEMISTRY				
CT010	Albumin Avoid hemolysis.	0.3 mL serum (R)	⌚	\$31.05
CT020	ALP Refrigerate or freeze.	0.3 mL serum (R)	⌚	\$31.05
CT030	ALT Avoid hemolysis.	0.3 mL serum (R)	⌚	\$31.05
CT060	AST Avoid hemolysis.	0.3 mL serum (R)	⌚	\$31.05
BV1126	AST + CK		⌚	\$32.60
CT225	Bile acids (baseline) Avoid hemolysis. Keep cool.	0.5 mL serum (R)	⌚	\$63.50
CT080	Bilirubins (dir., indir., total) Avoid hemolysis.	0.3 mL serum (R)	⌚	\$51.20
CT100	BUN (urea) Avoid hemolysis.	0.3 mL serum (R)	⌚	\$31.05
CT110	Calcium (total) Avoid lipemia.	0.3 mL serum (R)	⌚	\$31.05
CS18537	Calcium, ionized Fasting is necessary. Avoid hemolysis and lipemia. <ul style="list-style-type: none"> Do not open cap Sample requirement for accurate measurement of ionized calcium (iCa²⁺) is serum that has been anaerobically transferred from the spun SST or RTT (using a needle and syringe to avoid air exposure) into a plain unopened red-top vacutainer. Puncture the stopper with the syringe needle and allow the serum to be transferred under pressure. Do NOT open this tube prior to testing. Please boldly label the sample tube as IONIZED CALCIUM SERUM and keep frozen or refrigerate. Samples that have been exposed to air may have artifactually decreased (iCa²⁺) and those transported in SST tubes may have been artifactually increased (iCa²⁺). †The tube submitted for this test will be used ONLY for this analysis, if you require other tests, please provide another tube.	0.5 mL serum (R) †	3 D	\$93.70
CT120	Chloride	0.3 mL serum (R)	⌚	\$31.05
CT125	Cholesterol	0.3 mL serum (R)	⌚	\$31.05
CO2, see TCO2				
BV7073	Copper  This test is done externally.	2.0 mL serum (R)	2-3 D	\$46.50
CT130	Creatine Kinase (CK)	0.3 mL serum (R)	⌚	\$31.05
CT135	Creatinine	0.3 mL serum (R)	⌚	\$31.05
CT145	GGT Avoid hemolysis.	0.3 mL serum (R)	⌚	\$31.05
CT011	Globulines (Alb & PT) Refrigerate or freeze.	0.5 mL serum (R)	⌚	\$39.20

Equine: Test Offers

CODE	TEST NAME - DESCRIPTION	SPECIMEN	TAT	LIST PRICE
CT150	Glucose Avoid hemolysis, quickly separate the serum from the red blood cells.	0.3 mL serum (R)	🕒	\$31.05
CT155	Iron (serum) Avoid hemolysis.	0.5 mL serum (R)	4 D	\$44.65
CT160	LDH Avoid hemolysis.	0.5 mL serum (R)	🕒	\$31.05
BV1127	Magnesium	1.0 mL serum (R)	🕒	\$34.00
BV1127	Na-K-Cl-TCO2 Avoid hemolysis.	0.3 mL serum (R)	🕒	\$34.00
CT180	Phosphorus Avoid hemolysis.	0.3 mL serum (R)	🕒	\$31.05
CT185	Potassium Avoid hemolysis.	0.3 mL serum (R)	🕒	\$31.05
BV7075	Selenium (serum) 📄 Avoid hemolysis. This test is done externally.	1.0 mL serum (R)	12 D*	\$77.25
BV7077	Selenium & Vitamin E *Result 12 to 20 days.			\$118.50
CT225	Sels biliaires Éviter l'hémolyse. Garder au froid.	0.5 mL serum (R)	🕒	\$63.50
CT195	Sodium	0.3 mL serum (R)	🕒	\$31.05
CT115	TCO2 (Bicarbonates) Avoid contact with air. Tightly closed tube.	0.3 mL serum (R)	🕒	\$31.05
CT190	Total Proteins Avoid hemolysis and lipemia.	0.3 mL serum (R)	🕒	\$31.05
CT205	Triglycerides Fast 12 to 6 h.	0.3 mL serum (R)	🕒	\$31.05
CS16016	Vitamin D 📄 This test is done externally. *Result up to 20 days.			\$129.80
CS16850	Vitamin E 📄 This test is done externally.			\$73.00
BV7077	Selenium & Vitamin E *Result 12 to 20 days.			\$118.50
BV7080	Zinc 📄 This test is done externally.	0.5 mL serum (R)	1 W	\$46.80
EQUINE: ENDOCRINOLOGY				
CT445	Cortisol	0.5 mL serum (R)	🕒	\$54.75
EMS (Metabolic Syndrome profile), see Profile section				
CS16300	Estrone sulfate 📄 Collect sample at least 100 days after mating This test is done externally.	1.0 mL serum (R)	8 D	\$163.15
CT499	Free T4	0.3 mL serum (R)	🕒	\$69.70
CS16635	PMSG (Pregnant Mare's Serum Gonadotropin) Refrigerate or freeze. Collect sample between 38 and 120 days post-breeding.	1.0 mL serum (R)	🕒	\$51.80
CL140	Progesterone Centrifuge and separate quickly. Do not use SST tube.	0.5 mL serum (R)	🕒	\$79.50

CODE	TEST NAME • DESCRIPTION	SPECIMEN	TAT	LIST PRICE
CL545	Oral sugar test (insulin - 2 samples) ROUTINE INSTRUCTIONS: Overnight fast (1 flake of hay left in stall overnight and no am feed). Administer 0.15 ml/kg Karo light corn syrup orally (approximately 75 mL). Obtain 60 and 90 minutes after administration. immediately separate serum from red blood cells. Identify the tubes correctly (e.g. post 60 min and post 90 min).	1.0 mL serum (R)	7 D	\$122.00
CL550	Oral sugar test (insulin - 3 samples) ROUTINE INSTRUCTIONS: Obtain AM baseline after overnight fast serum sample (1 flake of hay left in stall overnight and no am feed). Administer 0.15 ml/kg Karo light syrup via syringe PO (approximately 75 ml). Obtain 60 and 90 minutes after administration. immediately separate serum from red blood cells. Identify the tubes correctly (e.g. pre, post 60 min and post 90 min).	1.0 mL serum (R)	7 D	\$168.45
CT480	Total T3	0.3 mL serum (R)	1 s	\$66.45
CT495	Total T4	0.3 mL serum (R)	⌚	\$50.10
CS16760	Testosterone (baseline) Keep cool.	0.3 mL serum (R)	8 j	\$121.75
BV7081	Testosterone stimulation hCG 📄 (2 samples) 1.5 mL of serum for each sample. Refrigerated or frozen. Ship on Ice Pack.	2 samples of 1.5 mL serum (R)	8 j	\$153.30
EQUINE: HEMATOLOGY				
CT330	CBC (Complete Blood count) Same as CBC profile below, but with fibrinogen and Total Proteins.	1.0 mL Whole blood EDTA (L)	⌚	\$48.25
BV1121	CBC without fibrinogen Differential - Erythrocytes - Hematocrit - Hemoglobin - Erythrocyte indices - WBC - Morphology - platelets.	1.0 mL Whole blood EDTA (L)	⌚	\$41.35
CT365	Fibrinogen	1.0 mL Whole blood EDTA (L)	⌚	\$18.10
CT375	Hematocrit Keep cool.	1.0 mL Whole blood EDTA (L)	⌚	\$23.95
CT430	WBC (Count) Keep cool.	1.0 mL Whole blood EDTA (L)	⌚	\$27.80
EQUINE: HISTOPATHOLOGY / CYTOLOGY				
CFLUA	Cytology (body fluids) 📄 Submit the sample in an EDTA tube. Keep refrigerated and submit as soon as possible. Also submit air-dried fluid smears prepared immediately after collection. If the sample appears to be slightly cellular, centrifuge a portion of the sample and smear from the sediment. Mention the method used.	📄	⌚	\$120.95
CCYTO	Cytologie (mass/tissue) (1 to 2 sites) 📄 It is recommended to submit 2 to 4 slides per mass. Properly identify the slides with the sample site, patient name and owner. If you need help for technique for sampling and spreading slides, contact us.	📄	⌚	\$108.95
CCYT3	Additional site			\$39.20
CFBX	Histopathology (1 to 4 tissues) Place the sample in 10% formalin. The formalin volume should be at least 10 times that of the tissue. Use containers with a wide mouth. Hollow organs (e.g., intestines) should be open lengthwise before being placed in formalin to ensure good fixation of the mucosa. For all excisional biopsies, margins will be assessed.		3-5 D	\$135.45
CFBX5	Additional tissue (histopathology)			\$36.00

Equine: Test Offers

CODE	TEST NAME - DESCRIPTION	SPECIMEN	TAT	LIST PRICE
EQUINE: MICROBIOLOGY				
CM020	Aerobic culture Refrigerate; sterile container or swab with transport medium (not dry swab). Refer to Appendix 1, if you are hesitating between aerobic or anaerobic culture. Also available:	500 µl urine or 10 µl Tissue, swab, liquid, other	Urine: 24-48 h Other: 2-5 D	\$59.15
BV1154	CATB (Aerobic culture + sensitivities) Refrigerate; sterile container or swab with transport medium (not dry swab). Refer to Appendix 1, if you are hesitating between aerobic or anaerobic culture. Also available:	500 µl urine or 10 µl Tissue, swab, liquid, other	Urine: 24-48 h Other: 2-5 D	\$83.90
ADD210	Follow-up Aerobic culture + Sensitivity Follow-up culture on same source may be ordered within 2 months of original submission of an Aerobic Culture. Indicate order number and date of the original submission on the requisition form.			\$71.90
CM030	Culture anaérobique Container as small as possible for the sample so that there is as little air as possible in the container, or a swab with a solid transport medium. DO NOT refrigerate; It is preferable that the sample be sent to the lab the same day. Anaerobic organisms are sensitive to cold, should be stored at room temperature and not in the fridge. Refer to Appendix 1, if you are hesitating between aerobic or anaerobic culture.	500 µl urine or 10 µl Tissue, swab, liquid, other		\$88.55
EXT	Antimicrobial susceptibility La culture de routine doit avoir été réalisée préalablement. Voir Annexe 2 : Liste des antibiotiques (Antibiogramme)	Isolate	2 D	\$25.60
	Autoclave - Programme d'Assurance- Qualité (PAQA) Must use EZTest - Steam. Easy-to-use, EZTest is a self-contained biological indicator for monitoring sterilization. EZTest - Steam contains Geobacillus stearothermophilus which will only be destroyed by adequate sterilization. These biological indicators comply with ISO 11138 and EN 866 standards and USP requirements.		3 j	\$41.40
	EZTest Steam (1 unit)			\$22.00
	EZTest Steam (Box of 12)			\$195.00
BV1155	Blood Culture + Antibiotic sensitivity Must use One-bottle, Blood culture system, follow the incubation protocol and DO NOT REFRIGERATE. This test detects the growth of aerobic, anaerobic and micro-aerophilic organisms from blood or CSF samples using the blood/CSF culture system. *Preliminary results can come out as quickly as the day after reception, but for a negative result it is necessary to wait 7 days. A preliminary report will be sent as soon as possible	 One-bottle, Blood culture system	1-7 D*	\$149.30
	One-bottle, Blood culture system			\$40.00
CM225	Campylobacter jejuni/coli/lari (culture) Also available in profile, see Fecal culture	1 g Feces ▲	5-10 D	\$82.00
BV1143	Clostridium perfringens (culture) Also available in profile, see Fecal culture			\$82.00
BV0010	Clostridium perfringens (Toxin profile) Culture must have been done previously.			\$82.00
	Dermatophytes, see Ringworm (Fungal culture)			
BV1143	Fecal culture + ATB Aerobic culture, <i>Campylobacter jejuni/coli/lari</i> , <i>Clostridium perfringens</i> and <i>Shigella</i> . When isolating salmonella or shigella, an Antibiotic Sensitivity will be automatically performed.	10 g Feces ▲	3-10 D	\$104.60
CM240	Ringworm (Fungal culture) A culture is performed on a selective medium for Dermatophytes, if a typical growth is observed, a confirmation by our PCR test is performed and included in the price.	Skin scraping, Hair.	21 D	\$95.40
CM121	Salmonella (culture) Refrigerate, sterile container. Also available in profile, see Fecal culture see also Serotyping (PCR section).	Tissue; 10 g feces; other	4 D	\$82.30

CODE	TEST NAME • DESCRIPTION	SPECIMEN	TAT	LIST PRICE
EQUINE: PARASITOLOGY				
CT785	Baermann Keep cool.	30 g Feces ▲	5-7 D	\$63.95
BV7092	Cutaneous scraping (KOH) 📄 📄 Crusts, hair; no quantity to specify. This test is done externally.	📄	3-4 D	\$65.35
BV7016	Parasite identification 📄 Fresh parasite or preserved in 70% ethanol. This test is done externally.	30 g Feces ▲	1-2 D	\$49.85
BV7026	Parasitology 📄 Refrigerate. This test is done externally.	5 g Feces ▲	3-4 D	\$44.95
Wisconsin, voir Parasitologie				
EQUINE: PCR				
CS14421	Anaplasma phagocytophilum qPCR *One or more ticks placed in an airtight container without additives. Also available in profile see Borrelia spp. + Anaplasma phagocytophilum and Tick borne diseases	Ticks*or 1.0 mL Whole blood EDTA (L)	3-4 D †	\$68.15
BV0025	Babesia spp. qPCR *One or more ticks placed in an airtight container without additives. Also available in profile see Tick borne diseases	Ticks*or 1.0 mL Whole blood EDTA (L)	3-4 D †	\$68.15
CS7001	Borrelia spp. qPCR *One or more ticks placed in an airtight container without additives. Also available in profile see Borrelia spp. + Anaplasma phagocytophilum and Tick borne diseases	Ticks*	3-4 D †	\$68.15
BV1129	Borrelia spp. + Anaplasma phagocytophilum qPCR *One or more ticks placed in an airtight container without additives. Also available in profile see Borrelia spp. + Anaplasma phagocytophilum and Tick borne diseases	Ticks*	3-4 D †	\$70.80
BV0034	★Clostridium difficile toxin A qPCR	5-10 g feces ▲ 📄	1-2 D †	\$68.15
BV0009	★Clostridium difficile toxin B qPCR 📄 or Rectal swab in a tightly sealed container. Refrigerate and send on ice. Available in profile see Digestive (Diarrhea) profile qPCR			\$68.15
BV0011	★Clostridium perfringens (toxine A) qPCR 📄 or Rectal swab in a tightly sealed container. Refrigerate and send on ice. Available in profile see Digestive (Diarrhea) profile qPCR	5-10 g feces ▲ 📄	1-2 D †	\$68.15
CS14414	★Coronavirus equin qPCR 📄 or Rectal swab in a tightly sealed container. Refrigerate and send on ice. Available in profile see Digestive (Diarrhea) profile qPCR	5-10 g feces ▲ 📄	1-2 D †	\$68.15
CS86319	★Cryptosporidium spp. qPCR 📄 or Rectal swab in a tightly sealed container. Refrigerate and send on ice. Available in profile see Digestive (Diarrhea) profile qPCR	5-10 g feces ▲ 📄	1-2 D †	\$68.15
BV1144	Dermatophytes (teigne) qPCR 📄 Samples of hair and/or hair dander (min 10) or culture media with hair. Take the hair and dander from border of lesions in an empty sterile container. In the absence of visible lesions, brush the coat with a toothbrush. The main zoophilic species detected are: Microsporium canis, Trichophyton spp (benhamiae, bullosum, equinum, erinacei, mentagrophytes, quinckeanum, simii, verrucosum) and Nannizzia gypsea (essentially geophilic species, formerly known as Microsporium gypseum). These three species or species complexes are now highlighted using a new real-time PCR (qPCR) multiplex. Also available: Ringworm (Fungal culture), see Microbiology section.	📄	1-2 D †	\$86.05
BV1207	★Digestive (Diarrhea) profile qPCR 📄 or Rectal swab in a tightly sealed container. Refrigerate and send on ice. Includes: Clostridium difficile (A & B toxins), Clostridium perfringens (A toxin), Coronavirus, Cryptosporidium spp., Lawsonia intracellularis, Neorickettsia risticii (Potomac Horse Fever), Rotavirus A, Salmonella spp.	5-10 g feces ▲ 📄	2-3 D †	\$104.70

Equine: Test Offers

CODE	TEST NAME - DESCRIPTION	SPECIMEN	TAT	LIST PRICE
BV0007	Ehrlichia spp. qPCR *One or more ticks placed in an airtight container without additives. Also available in profile see Tick borne diseases	Ticks*or 1.0 mL Whole blood EDTA (L)	3-4 D †	\$68.15
	EHV-1 and EHV-4, see Herpes virus			
CS14394	★Herpes virus Type 1 (EHV-1) qPCR		1-2 D †	\$68.15
BV0038	★Herpes virus Type 4 (EHV-4) qPCR ☒ Nasal swab, transtracheal lavage fluid, guttural pouch lavage, bronchoalveolar lavage fluid, or respiratory tract tissue. Sample should be sent in a tightly sealed container. Swabs should be submitted without transport media in dry tubes. Refrigerate and send on ice. Available in profile see Respiratory profile qPCR			\$68.15
BV0012	★Influenza type A qPCR ☒ Nasal swab, transtracheal lavage fluid, guttural pouch lavage, bronchoalveolar lavage fluid, or respiratory tract tissue. Sample should be sent in a tightly sealed container. Swabs should be submitted without transport media in dry tubes. Refrigerate and send on ice. Available in profile see Respiratory profile qPCR		1-2 D †	\$67.50
BV0035	★Lawsonia intracellularis qPCR ☒ or Rectal swab in a tightly sealed container. Refrigerate and send on ice. Available in profile see Digestive (Diarrhea) profile qPCR	5-10 g feces ▲ ☒	1-2 D †	\$68.15
CT974 / CT976	Leptospira spp. qPCR Refrigerate	2,0 mL Sang entier EDTA (L) ou 10 mL Urine ou Tissu.	2-3 D †	\$83.90
CS14479	★Neorickettsia risticii qPCR (Potomac Horse Fever) ☒ or Rectal swab in a tightly sealed container. Refrigerate and send on ice. Available in profile see Digestive (Diarrhea) profile qPCR	5-10 g feces ▲ ☒	1-2 D †	\$68.15
CL955	Reproductive profile PCR ☒ Endometrial swab, cervical swab, semen, placenta, or uterine lavage fluid. Sample should be sent in a tightly sealed container. Swabs should be submitted without transport media in dry tubes. Refrigerate and send on ice. Includes: EVA, EHV-1, Streptococcus equi spp. zooepidemicus, Leptosporosis leptospira interrogans, Trypanosoma equiperdum, Klebsiella pneumoniae, E. Coli		1-2 D †	\$180.30
BV1236	★Respiratory profile qPCR ☒ Nasal swab, transtracheal lavage fluid, guttural pouch lavage, bronchoalveolar lavage fluid, or respiratory tract tissue. Sample should be sent in a tightly sealed container. Swabs should be submitted without transport media in dry tubes. Refrigerate and send on ice. Includes: EHV-1, EHV-4, Equine Influenza, Rhodococcus equi, Equine Rhinitis Virus A & B, Streptococcus equi spp. equi, Streptococcus equi spp zooepidemicus.		1-2 D †	\$104.70
BV0124	★Rhinitis Virus (Rhinovirus) A qPCR		1-2 D †	\$68.15
BV0125	★Rhinitis Virus (Rhinovirus) B qPCR ☒ Nasal swab, transtracheal lavage fluid, guttural pouch lavage, bronchoalveolar lavage fluid, or respiratory tract tissue. Sample should be sent in a tightly sealed container. Swabs should be submitted without transport media in dry tubes. Refrigerate and send on ice. Available in profile see Respiratory profile qPCR			\$68.15
CS14396	★Rhodococcus equi qPCR ☒ Nasal swab, transtracheal lavage fluid, guttural pouch lavage, bronchoalveolar lavage fluid, or respiratory tract tissue. Sample should be sent in a tightly sealed container. Swabs should be submitted without transport media in dry tubes. Refrigerate and send on ice. Available in profile see Respiratory profile qPCR		1-2 D †	\$68.15
	Ringworm, see Dermatophytes			
CS14479	★Rotavirus A qPCR ☒ or Rectal swab in a tightly sealed container. Refrigerate and send on ice. Available in profile see Digestive (Diarrhea) profile qPCR	5-10 g feces ▲ ☒	1-2 D †	\$68.15

CODE	TEST NAME • DESCRIPTION	SPECIMEN	TAT	LIST PRICE
CS14416	Salmonella spp. ☒ or Rectal swab in a tightly sealed container. Refrigerate and send on ice. Available in profile see Digestive (Diarrhea) profile qPCR	5-10 g feces ▲ ☒	1-2 D †	\$68.15
CS86308	★Streptococcus equi spp equi qPCR ☒ Nasal swab, transtracheal lavage fluid, guttural pouch lavage, bronchoalveolar lavage fluid, or respiratory tract tissue. Sample should be sent in a tightly sealed container. Swabs should be submitted without transport media in dry tubes. Refrigerate and send on ice. Available in profile see Respiratory profile qPCR	☒	1-2 D †	\$68.15
BV0109	★Streptococcus equi spp zooepidemicus qPCR ☒ Nasal swab, transtracheal lavage fluid, guttural pouch lavage, bronchoalveolar lavage fluid, or respiratory tract tissue. Sample should be sent in a tightly sealed container. Swabs should be submitted without transport media in dry tubes. Refrigerate and send on ice. Available in profile see Respiratory profile qPCR	☒	1-2 D †	\$68.15
BV1156	Tick borne diseases qPCR ☒ One or more ticks placed in an airtight container without additives. Detection of <i>Borrelia</i> spp., <i>Anaplasma phagocytophilum</i> , <i>Babesia</i> spp. and <i>Ehrlichia</i> spp.* * <i>Borrelia</i> spp: available ONLY on tick.	Ticks*or 1.0 mL Whole blood EDTA (L)	3-4 D †	\$96.45

†These tests are performed from Monday to Friday.

EQUINE: SEROLOGY

CL121	Equine infectious Anemia (EIA) ab ELISA (Coggins)with electronic certificate GVL see Appendix 3: Procedure for submitting Equine Infectious Anemia (EIA)	2.0 mL serum (R)	1-2 D †	\$28.30
Equine Protozoal Myeloencephalitis, see EPM				
BV7027	EPM Ab <i>S. neurona</i> Western Blot ☒ This test is done externally.	1.0 mL serum (R)	2 D	\$217.05
BV7025	EPM IFAT Sarcofluor ☒ This test is done externally.	1.0 mL serum (R)	7 D	\$192.20
BV7032	EPM IFAT Sarcofluor + Neofluor ☒ This test is done externally.	1.0 mL serum (R)	10 D	\$300.20
CL090	IgG (Foal)	0.3 mL serum (R)	🕒	\$69.15
BV7088	Leptospirose (6 serovars) Ac MAT ☒ This test is done externally.	1.0 mL serum (R)	1 W	\$83.10
BV7088	Nile virus - Ab - IgG - IgM ELISA ☒ This test is done externally.	1.0 mL serum (R)	5 D	\$83.10

† These tests are performed from Monday to Friday.

EQUINE: UROLOGY

CT760	Urinalysis	5.0 mL Fresh Urine	24 h	45.25 \$
	Urinalysis with pathologist's comment			52.25 \$

OTHER SERVICES, FEES AND DISCOUNTS

CT764	Cancellation fees			48.25 \$
BVFR03	Emergency fees (RUSH)			21.80 \$
BVFR08	Intermediate fees			21.80 \$
BVFR06	Pathologist's comments			34.90 \$
	Cooler upon request			Variable

Volume discount per month

- \$1000 and over = 3% • \$2000 and over = 5%
- \$3000 and over = 8% • \$4000 and over = 10%

Prices are subject to change without notice.

Appendix 1 – List of Antibiotics (Sensitivity)

ELEMENTT I	
Amikacin	Gentamicin
Ampicillin	Oxacillin (Staph only)
Apramycin	Penicillin G (Gram+ only)
Ceftiofur	Rifampicin
Chloramphenicol	Spectinomycin
Cloxacillin	Sulphametoxazole/Trimethoprim
Erythromycin	Tetracycline

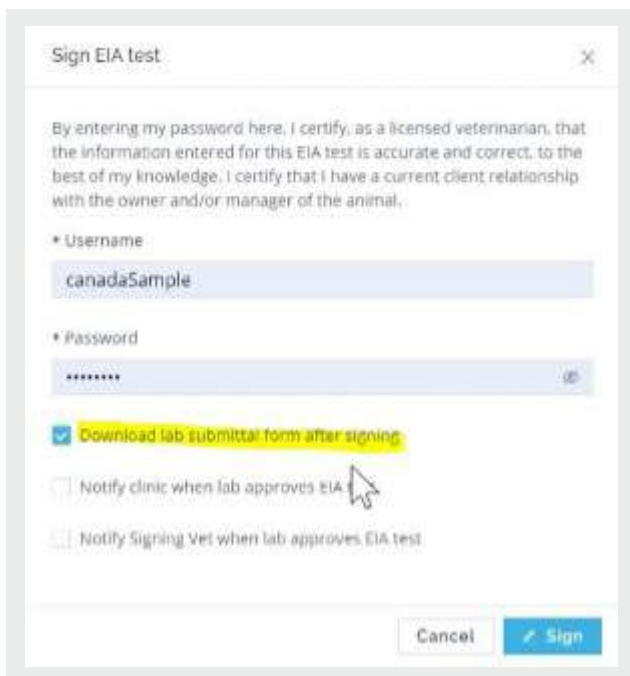
AUTRES ANTIBIOTIQUES DISPONIBLES	
Amoxicillin	Metronidazole
Amoxicillin / clavulanic acid	Moxifloxacin
Azithromycin	Mupirocin
Bacitracin	Neomycin
Cefalotin	Nitrofurantoin
Cefovecin	Norfloxacin
Cefoxitin	Novobiocin
Cefpodoxime	Ofloxacin
Ceftazidime	Penicillin / Novobiocin
Cephalexin	Piperacillin
Cephazolin	Pirlimycin
Ciprofloxacin	Polymyxin B
Clindamycin	Pradofloxacin
Doxycycline	Streptomycin
Enrofloxacin	Sulbactam / Ampicillin
Florfenicol	Sulfamethoxazole
Fusidic acid	Sulphafurazole / Sulfisoxazole
Gamithromycin	Ticarcillin (Gram- only)
Imipenem	Tildipirosin
Kanamycin	Tilmicosin
Lincomycin	Tobramycin
Marbofloxacin	Tulatromycin
Meropenem	

Appendix 2 – Procedure For Submitting Equine Infectious Anemia (Eia)

Biovet would like to remind you of the procedure for submitting Equine Infectious Anemia (EIA) tests via the EquusLINK platform:

- Be sure to identify the tubes
- Even though you have the form via the platform, it is important to attach a paper copy to your shipment.

Note that when you sign the application, the form automatically downloads to the screen, so you can print it. Alternatively, in the More menu (at the top right of your screen), you can download the form to print it.

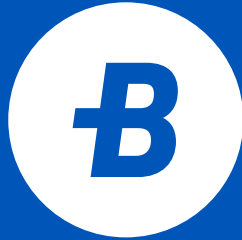


The screenshot shows a 'Sign EIA test' dialog box. It contains a certification statement: 'By entering my password here, I certify, as a licensed veterinarian, that the information entered for this EIA test is accurate and correct, to the best of my knowledge; I certify that I have a current client relationship with the owner and/or manager of the animal.' Below this are fields for 'Username' (containing 'canadaSample') and 'Password' (masked with asterisks). There are three checkboxes: 'Download lab submittal form after signing' (checked and highlighted in yellow), 'Notify clinic when lab approves EIA' (unchecked), and 'Notify Signing Vet when lab approves EIA test' (unchecked). At the bottom are 'Cancel' and 'Sign' buttons.



To learn more, watch the EquusLINK video on www.biovet.ca/video-equuslink.

For further information, call 515-817-5703 or visit www.globalvetlink.com.



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