

MONTANA VETERINARY DIAGNOSTIC LABORATORY USER'S GUIDE & FEE SCHEDULE

MVDL is an accredited AAVLD Laboratory and a member of the USDA National Animal Health Laboratory Network

TEST SERVICES

ANATOMIC PATHOLOGY

ABORTION STUDY
NEONATAL DIARRHEA
NECROPSY
CARCASS DISPOSAL
INSURANCE/LEGAL CASES
SPINAL CORD REMOVAL
TRANSMISSIBLE ENCEPHALOPATHY
HISTOPATHOLOGY
HISTOCHEMISTRY
IMMUNOHISTOCHEMISTRY
RESEARCH

CLINICAL MICROBIOLOGY

CULTURE
ANTIBIOTIC SENSITIVITY
BACTERIAL SEROLOGY
CLOSTRIDIUM GENOTYPING
MICROSCOPY
PARASITE IDENTIFICATION

CLINICAL PATHOLOGY

BIOCHEMISTRY PANEL
CLINICAL PANEL
ENDOCRINOLOGY
OTHER SERUM CHEMISTRY

CYTOLOGY

MILK TESTING

MOLECULAR DIAGNOSTICS

RABIES

SEROLOGY

LARGE ANIMAL
SMALL ANIMAL

VIROLOGY

VIRAL SEROLOGY
FLUORESCENT ANTIBODY
CULTURE

CONTRACTUAL AGREEMENT FOR TESTING

Completed submission forms or any other means of test service request create a contractual agreement of services with MVDL.

ACCESSION AND ADMINISTRATIVE FEES

- ◆ Each accession, except EIA submissions, will be charged a \$4.00 accession fee in addition to test fees
- ◆ The minimum fee total is \$8.00, which includes a report
- ◆ Stat orders are an additional \$17.32 per accession
- ◆ An organization fee for improperly organized herd submissions will be assessed at \$69.30 per hour
- ◆ Reporting of duplicate results by mail is \$3.30
- ◆ A 50% surcharge will be assessed for tests conducted on non-resident animals
- ◆ A 1.5% monthly interest rate will be charged on accounts over 30 days
- ◆ Laboratory results on any account 90 days' delinquent will be withheld until the entire payment is received
- ◆ Extenuating fiscal circumstances will be considered upon request with Montana Board of Livestock approval

SPECIMEN COLLECTION, IDENTIFICATION, SHIPPING & RECEIVING

Proper collection, identification, and shipping of biological specimens directly impacts turnaround time and results. All submitted specimens become the property of MVDL. Submitted specimens may be subjected to additional testing as determined by state or federal animal health or foreign animal disease surveillance mandates.

- ◆ Specimens must be identified and properly packaged with a biohazard-labeled, leak proof primary container, a leak proof secondary container with sufficient cushioning, absorbent materials and appropriate ice packs, dry ice or hot packs and a rigid outer container with compliant shipping label
- ◆ All specimens should be listed on the corresponding and required submission form
- ◆ Please do not tape container lids; use Parafilm as needed
- ◆ All submissions must have shipping cost or postage prepaid (no COD); any mailing costs incurred by the laboratory will be billed to the submitter
- ◆ Shipments should be sent with tracking for next day delivery (USPS Express, Fed Ex Overnight or UPS Next Day), second day delivery (Fed Ex 2 Day or UPS 2 Day) or 2-5 day delivery (USPS Priority, Fed Ex Home or UPS Ground)
- ◆ If you are a pet owner and wish to submit specimens to the Montana Veterinary Diagnostic Laboratory, please contact your veterinarian

ADDITIONAL INFORMATION

Visit our website at <http://liv.mt.gov/lab> for additional submission guidelines

Contact the laboratory at 406-994-4885 for additional information, special requests or assistance as needed



MONTANA VETERINARY DIAGNOSTIC LABORATORY USER'S GUIDE & FEE SCHEDULE

ANATOMIC PATHOLOGY - NECROPSY

CALL LAB PRIOR TO SUBMISSION OF WHOLE ANIMALS
 MINIMUM 2 DAYS PROCESSING REQUIRED – SET-UP DAILY M-F
 A COMPLETED SV43 IS REQUIRED WITH SUBMISSION

TEST	FEE	SAMPLE REQUIREMENTS / SPECIAL INSTRUCTIONS
ABORTION WORKUP Livestock, MVDL Kits Only	\$57.75	See Website: http://liv.mt.gov/Diagnostic-Lab/Forms-and-Kits for instructions
NEONATAL DIARRHEA WORKUP Livestock, MVDL Kits Only	\$110.00	See Website: http://liv.mt.gov/Diagnostic-Lab/Forms-and-Kits for instructions
CARCASS DISPOSAL	\$40.00 per 100 lbs	
ANIMAL REMAINS RETURN/TRANSFER	\$25.00	
MAIL-IN NECROPSY	Per individual test fee	See Website: http://liv.mt.gov/Diagnostic-Lab/Forms-and-Kits for instructions
LABORATORY NECROPSY		
Cattle & Horse	Fetus	\$80.85 + carcass disposal fee
	Up to 150 lbs	\$98.17 + carcass disposal fee
	150 to 500 lbs	\$127.05 + carcass disposal fee
	More than 500 lbs	\$173.25 + carcass disposal fee
Small Ruminant	Fetus	\$80.85 for multiple from same dam + carcass disposal fee
	Up to 20 lbs	\$80.85 + carcass disposal fee
	More than 20 lbs.	\$98.17 + carcass disposal fee
Swine	Fetus	\$80.85 for multiple from same dam + carcass disposal fee
	Up to 25 lbs	\$80.85 + carcass disposal fee
	25 lbs to 250 lbs	\$98.17 + carcass disposal fee
	More than 250 lbs	\$127.05 + carcass disposal fee
Dog & Cat		\$127.05 + carcass disposal fee
Other Species		\$46.20 minimum + carcass disposal fee
INSURANCE/LEGAL CASES	\$173.25 per hour	Contact Lab
RESEARCH	Variable	Contact Lab
SPINAL CORD REMOVAL	Small Animal	\$57.75
	Large Animal	\$115.50
TRANSMISSIBLE ENCEPHALOPATHIES		
	Brain removal only	\$34.65 minimum
	Immunohistochemistry & ELISA	Referral + Shipping & Handling Fee
		Fixed obex and retropharyngeal lymph nodes

ANATOMIC PATHOLOGY - HISTOPATHOLOGY/ IMMUNOHISTOCHEMISTRY

NBF FIXED TISSUES AND/OR FRESH TISSUES SUBMITTED IN A BIOHAZARD-LABELED, SEALED CONTAINER - NO TAPE
 SECONDARY CONTAINERS REQUIRE ABSORBENT MATERIAL FOR FLUIDS - NO TAPE
 A COMPLETED SV43 IS REQUIRED WITH SUBMISSION

TEST	FEE	SAMPLE REQUIREMENTS	TEST DAYS / TAT
HISTOPATHOLOGY (BIOPSY)	1-3 slides	\$39.32 per site	Fixed tissue M-F / 2 days minimum
	4-6 slides	\$46.20 per site	
	7 -10 slides	\$53.35 per site	
	11 or more slides	\$60.22 per site	



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ANATOMIC PATHOLOGY - HISTOPATHOLOGY/ IMMUNOHISTOCHEMISTRY

NBF FIXED TISSUES AND/OR FRESH TISSUES SUBMITTED IN A BIOHAZARD-LABELED, SEALED CONTAINER - NO TAPE
 SECONDARY CONTAINERS REQUIRE ABSORBENT MATERIAL FOR FLUIDS - NO TAPE
 A COMPLETED SV43 IS REQUIRED WITH SUBMISSION

TEST		FEE	SAMPLE REQUIREMENTS	TEST DAYS / TAT
HISTOPATHOLOGY (MAIL-IN NECROPSY)	1-3 slides	\$39.32	Fixed tissue	M-F / 2 days minimum
	4-6 slides	\$46.20		
	7 -10 slides	\$53.35		
	11 or more slides	\$60.22		
DECAL/KERATIN TREATMENT		\$9.35	Fixed or fresh tissue	M-F / 2 days minimum
DUPLICATE H&E SLIDES	1-3 slides	\$19.80		M-F / same day
	4 or more	\$5.77 per slide		
HISTOCHEMICAL STAIN		\$9.35	Ordered at discretion of Pathologist	M-F / 1 day
IMMUNOHISTOCHEMICAL STAIN		\$28.87	Ordered at discretion of Pathologist	M-F / 1 day
RESEARCH - TISSUE, SLIDE PREPARATION & STAINING		\$4.40 per slide plus \$26.40 per hour		Variable

CLINICAL MICROBIOLOGY

ALL TRANSPORT MEDIA SHOULD BE VERIFIED AS "NOT EXPIRED" PRIOR TO USE FOR SAMPLE SUBMISSION
 A COMPLETED SV43 IS REQUIRED WITH SUBMISSION

TEST	FEE	SPECIMEN REQUIRED & SHIPPING AND HANDLING	TEST DAYS /
AEROBIC CULTURE	\$17.60	Swabs in transport media; Fluids in sterile tubes; Tissues in sterile bags; Ship with ice pack	M-F / 2-5 days
AEROBIC - ADDITIONAL ISOLATE	\$8.80	Swabs in transport media; Fluids in sterile tubes; Tissues in sterile bags; Per isolate	M-F / 2-5 days
ANAEROBIC CULTURE	\$20.90	Swabs in anaerobic transport media; Fluids in sterile tubes; Tissue in sterile bags; Ship with ice pack	M-F / 3-7 days
ANAEROBIC - ADDITIONAL ISOLATE	\$8.80	Swabs in anaerobic transport media; Fluids in sterile tubes; Tissue in sterile bags; Ship with ice pack; Per isolate	M-F / 3-7 days
ANTIBIOTIC SENSITIVITY	\$11.55	Fee is per isolate tested; The disk-diffusion method is not standardized for some isolates	M-F / 2-5 days
BRUCELLA CULTURE	\$17.60	Swabs in transport media; fluids in sterile tubes; tissues in sterile bags	M-F / 5-14 days
CAMPYLOBACTER CULTURE REPRODUCTIVE	\$14.30	Preputial wash, Fetal membranes, fetal abomasal fluid; Ship in Campylobacter Transport Media (PRAS Campy-Thio, 7 ml) in tightly sealed tube	M-F / 5-7 days
CAMPYLOBACTER CULTURE INTESTINAL	\$14.30	Feces or intestinal contents; Ship with ice pack	M-F / 3-7 days
CLOSTRIDIUM PERFRINGENS GENOTYPING	Referral	Intestine and/or small intestine contents; Ship with ice pack	Variable
DERMATOPHYTE CULTURE & PAS	\$28.87	Hair with skin scraping, scab, nails, claws, or beak; Ship ambient temperature in sealed container - Do not send glass slides	M-F / 2-5 weeks
DIRECT MICROSCOPY	\$9.35	Swabs, fluids, tissues, or feces; Ship with ice pack – Do not send glass slides	M-F / 0-1 day
ENVIRONMENTAL CULTURE	\$20.90	Swabs in transport media; Ship with ice pack	M-F / 2-5 days



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CLINICAL MICROBIOLOGY

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TEST	FEE	SPECIMEN REQUIRED & SHIPPING AND HANDLING	TEST DAYS /
FECAL OCCULT BLOOD	\$9.35	Feces or intestinal contents; Ship with ice pack	M-F / 0 -1 day
FUNGAL CULTURE NON-DERMATOPHYTE	\$25.57	Swabs in transport media; Fluids in sterile tubes; Tissues in sterile bags; Ship with ice pack	M-F / 2-3 weeks
LISTERIA CULTURE	\$18.70	Swabs in transport media; Fluids in sterile tubes; Tissues in sterile bags; Ship with ice pack – Brainstem preferred tissue	M-F / 4-7 days
MILK CULTURE	\$17.60	Aseptically collected milk; Ship with ice pack	M-F / 2-10 days
MYCOPLASMA CULTURE	\$17.60	Swabs in transport media; Fluids in sterile tubes; Tissues in sterile bags; Ship with ice pack	M-F / 3-10 days
SALMONELLA CULTURE	\$17.32	Feces, intestinal contents, tissue – positive isolates to NVSL for typing; Ship with ice pack	M-F / 2-5 days
S. ENTERICA ENTERITIDIS (SE) CULTURE NEGATIVE	\$23.10	Poultry house drag samples or egg; Ship with ice pack – OVERNIGHT SHIPPING IS MANDATORY See Website: http://liv.mt.gov/Diagnostic-Lab/Forms-and-Kits for submission instructions & form	M-F / 2-5 days
S. ENTERICA ENTERITIDIS (SE) CULTURE POSITIVE	\$26.95	Additional Testing on culture positive samples	M-F / 2-5 days
TRITRICHOMONAS FOETUS CULTURE (FEE PER EACH)			
	1-100 \$6.50	Preputial wash, uterine discharge, fetal abomasal fluid; Ship using InPouch™ TF Bovine; Do not refrigerate or freeze; Ship with hot packs in cold weather	M-F / 5-7 days
	101-500 \$6.00		
	501 or more \$5.50		
SPECIAL REQUESTS		Contact Lab	

CLINICAL MICROBIOLOGY – PARASITOLOGY

A COMPLETED SV43 IS REQUIRED WITH SUBMISSION

TEST	FEE	SAMPLE REQUIREMENT AND & SPECIAL INSTRUCTIONS	TEST DAYS / TAT	
ARTHROPOD OR PARASITE IDENTIFICATION:	Routine	\$31.35	Whole parasite, fresh or formalin fixed; Ship in plastic leak-proof container	M-F / 1-7 days
	Non-Routine	Contact Lab		
CRYPTOSPORIDIA EXAM	\$9.35	Feces – 1 gram (at least 1 teaspoon)	M-F / 2-3 working days	
DIROFILARIA IMMITIS	\$9.50	Whole blood EDTA: 1 ml (1cc)	M,W & F / 1-2 days	
HEARTWORM ELISA	\$10.45	Serum or EDTA; canine and feline	M,W & F / 1-2 days	
FECAL FLOTATION	\$11.55	Fresh feces – 3 grams (at least 1 tablespoon); Ship in wide-mouth container or double bag; Ship with ice pack	M-F / 1-2 days	
GIARDIA	\$32.45	Fresh feces – 1 gram (at least 1 teaspoon); Ship in wide-mouth container or double bag; Ship with ice pack	M-F / 1-3 days	
HEMOTROPIC PARASITE SCREEN		See Clinical Pathology		
FECAL SEDIMENTATION (TREMATODES)	\$28.50	3 gm feces, not in red-top tube	M-F/ 2-3 days	
TRICHINELLA – PEPSIN DEGRADATION		2x2 inch section of tongue or diaphragm	Contact Lab	
		\$80.00	Per each 1-4 samples, may pool	
		\$65.00	Per each 5-10 samples, may pool	



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CLINICAL PATHOLOGY

ASSAYS ARE RUN DAILY IF RECEIVED BY 3:00 PM

A COMPLETED SV43 IS REQUIRED WITH SUBMISSION

TEST	FEE	DESCRIPTION & SPECIAL INSTRUCTIONS	SAMPLE REQUIREMENTS
BIOCHEMISTRY PANELS			
SMALL ANIMAL PANEL	\$26.25	CK, AST, ALT, ALP, Glu, Chol, TP, Alb, Glob, Ca, PO ₄ , BUN, Creat, TBili, Na, K, Cl, CO ₂ ; Amylase included for canine only	Serum or heparinized plasma - 0.5 ml
LARGE ANIMAL PANEL	\$26.25	CK, AST, GGT, ALP, Glu, TP, Alb, Glob, Ca, PO ₄ , BUN, Creat, TBili, DBili, Na, K, Cl, CO ₂ ,	Serum or heparinized plasma - 0.5 ml
SMALL ANIMAL HEPATIC PANEL	\$21.00	ALT, AST, ALP, GGT, T Bili, D Bili, TP, Alb, Glob, Chol, BUN, Glu	Serum or heparinized plasma - 0.5 ml
SMALL ANIMAL RENAL PANEL	\$21.00	BUN, Cre, TP, Alb, Glob, Ca, PO ₄ , Na, K, Cl, TCO ₂	Serum or heparinized plasma - 0.5 ml
CANINE ENDOCRINE PANEL	\$24.25	CA, PO ₄ , TP, Alb, ALP, ALT, AST, Chol, Na, K, Cl, TCO ₂ , Glu, Total T4	Serum or heparinized plasma - 0.5 ml
FELINE GERIATRIC PANEL	\$15.00	ALP, ALT, AST, GGT, BUN, Cre, PO ₄ , Total T4	Serum or heparinized plasma - 0.5 ml
ELECTROLYTE PANEL	\$10.50	Na, K, Cl, TCO ₂	Serum or heparinized plasma - 0.5 ml
EXPANDED ELECTROLYTE PANEL	\$15.75	Ca, PO ₄ , Mg, Na, K, Cl, TCO ₂	Serum or heparinized plasma - 0.5 ml
CLINICAL PROFILES			
SMALL ANIMAL CLINICAL PROFILE	\$35.00	Small Animal Panel + CBC/Differential	Serum or heparinized plasma - 0.5 ml; Lavender top EDTA vacutainer at least half full
LARGE ANIMAL CLINICAL PROFILE	\$35.00	Large Animal Panel + CBC/Differential & Fibrinogen	Serum or heparinized plasma - 0.5 ml; Lavender top EDTA vacutainer at least half full;
SMALL ANIMAL HEALTH SCREEN	\$46.25	Small Animal Panel + CBC/Differential + Urinalysis	Serum or heparinized plasma - 0.5 ml; Lavender top EDTA vacutainer at least half full; Urine – 5 ml
LARGE ANIMAL HEALTH SCREEN	\$46.25	Large Animal Panel + CBC/Differential + Urinalysis and Fibrinogen	Serum or heparinized plasma - 0.5 ml; Lavender top EDTA vacutainer at least half full; Urine – 5 ml
SMALL ANIMAL PRE-ANESTHETIC PROFILE	\$25.25	BUN, Cre, ALT, ALP, Glu, TP, CBC/Differential	Serum or heparinized plasma - 0.5 ml; Lavender top EDTA vacutainer at least half full
FELINE PROFILE	\$69.50	Small Animal Clinical Profile + Total T4, FIA, FeLV, FIV	Serum or heparinized plasma - 0.5 ml; Lavender top EDTA vacutainer at least half full
EQUINE FITNESS PROFILE	\$34.00	CK, AST, GGT, TP, Alb, Ca, PO ₄ , TBili, Na, K, Cl, CO ₂ , Large Animal CBC/Differential	Serum or heparinized plasma - 0.5 ml; Lavender top EDTA vacutainer at least half full
ENDOCRINOLOGY			
CANINE THYROID PANEL	\$29.50	Canine Total T4, Canine TSH, Free T4, Total	Serum - 0.5 ml
THYROID PANEL, NOT CANINE	\$25.25	Total T4, Free T4, Total T3	Serum - 0.5 ml
CANINE TOTAL T4	\$10.50		Serum - 0.5 ml
TOTAL T4	\$10.50		Serum - 0.5 ml
CANINE TSH	\$10.50		Serum - 0.5 ml
FREE T4	\$10.50		Serum - 0.5 ml
TOTAL T3	\$10.50		Serum - 0.5 ml



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TEST	FEE	DESCRIPTION & SPECIAL INSTRUCTIONS	SAMPLE REQUIREMENTS
CORTISOL: CANINE, FELINE, EQUINE	\$16.00	Single sample	Serum - 0.5 ml
ACTH STIMULATION - CORTISOL	\$31.50	Pre- and Post-samples; Collect prior to injection and 1-2 hours after injection	Serum - 0.5 ml each assay
DEXAMETHASONE SUPPRESSION	\$47.25	Collect prior to injection and at 4 and 8 hours post injection of dexamethasone	Serum - 0.5 ml each assay
OTHER SERUM CHEMISTRY			
PLI: CANINE, FELINE	\$23.75		Serum - 0.5 ml
BILE ACIDS: CANINE, FELINE, EQUINE	\$25.25	Single sample	Serum or heparinized plasma - 0.5 ml
BILE ACIDS, (PRE & POST)	\$35.75	Collect a 12-hour fasting sample and a sample 2 hours post prandial	Serum or heparinized plasma - 0.5 ml
PHENOBARBITAL	\$25.25	Do not use serum separator tube	Serum or heparinized plasma - 0.5 ml
INDIVIDUAL BIOCHEMICAL TESTS	Contact Lab		Serum or heparinized plasma - 0.5 ml
HEMATOLOGY			
CBC/DIFFERENTIAL	\$15.75	WBC, RBC, HGB, HCT, MCV, MCH, MCHC, Platelets, WBC Differential, Plasma Protein, Parasite screen, Reticulocyte if indicated	Lavender top EDTA vacutainer at least half full; Slides
LARGE ANIMAL CBC/DIFFERENTIAL	\$15.75	CBC + Fibrinogen	Lavender top EDTA vacutainer at least half full; Slides
SMALL ANIMAL CBC/NO DIFFERENTIAL	\$7.00	WBC, RBC, HGB, HCT, MCV, MCH, MCHC, Platelets	Lavender top EDTA vacutainer at least half full; Slides
LARGE ANIMAL CBC/NO DIFFERENTIAL	\$7.00	WBC, RBC, HGB, HCT, MCV, MCH, MCHC, Platelets	Lavender top EDTA vacutainer at least half full; Slides
RETICULOCYTE COUNT	\$7.00		Lavender top EDTA vacutainer at least half full; Slides
FELINE ANEMIA PANEL	\$38.00	CBC/Differential, FeLV, FIV, FIA	Lavender top EDTA vacutainer at least half full; Slides
FIBRINOGEN	\$4.25		Lavender top EDTA vacutainer at least half full; Slides
HEMOTROPIC PARASITE SCREEN	\$4.25		Lavender top EDTA vacutainer at least half full; Slides
URINALYSIS			
URINALYSIS	\$12.75	Specific Gravity, Dipstick (Glucose, Bilirubin, Ketones, Blood, pH, Urobilinogen), Sulfosalicylic Acid Protein, Sediment Evaluation	Free-catch, catheterization or cystocentesis urine, 5 ml; transfer to leak-proof container for shipping
URINALYSIS WITH CULTURE/SENSITIVITY	\$35.75	Specific Gravity, Dipstick (Glucose, Bilirubin, Ketones, Blood, pH, Urobilinogen), Sulfosalicylic Acid Protein, Sediment Evaluation plus culture sensitivity	Free-catch, catheterization or cystocentesis urine, 5 ml; transfer to leak-proof container for shipping



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CLINICAL PATHOLOGY

ASSAYS ARE RUN DAILY IF RECEIVED BY 3:00 PM
A COMPLETED SV43 IS REQUIRED WITH SUBMISSION

TEST	FEE	DESCRIPTION & SPECIAL INSTRUCTIONS	SAMPLE REQUIREMENTS
MISCELLANEOUS TESTS			
BLOOD CROSS MATCH	\$15.75		Serum - 0.5 ml; Lavender top EDTA vacutainer at least half full
BUFFY COAT EXAM	\$31.50		Lavender top EDTA vacutainer at least half full
CANINE DIRECT COOMBS	\$31.50		Lavender top EDTA vacutainer at least half full; Slides
INDIVIDUAL COAGULATION TEST	\$21.00	PT & APTT only Fill Na Citrate vacutainer (light blue top) to mark; Do not over or under fill; Centrifuge tube and transfer plasma to a leak proof	Citrate plasma - 0.5 ml
IGG	\$15.75	Bovine and Equine; 24-hour test	Serum - 0.5 ml
OCULAR NITRATE	\$14.75		Ocular Fluid or Serum - 0.25 ml

CYTOLOGY

ASSAYS ARE RUN DAILY IF RECEIVED BY 3:00 PM
A COMPLETED SV43 IS REQUIRED WITH SUBMISSION

TEST	FEE	DESCRIPTION & SPECIAL INSTRUCTIONS	SAMPLE REQUIREMENTS
BONE MARROW CYTOLOGY	\$46.20	Protect slide from breakage	Slide – air-dried bone marrow smear
CSF ANALYSIS	\$27.77 +	SG, Microprotein, Cytospin, Cytology plus Microprotein Referral Fee; Ship with ice pack	CSF - Red top tube
CYTOLOGY WITH CULTURE	\$39.32 +	Cytology Fee plus Culture Fee	Slide; air-dried imprint or smear; Tissue, fluid or culturette swabs
FLUID ANALYSIS	\$41.80	Total Cell count, TP, SG, Cytology; Ship with ice pack	Heparinized plasma – 0.5 ml <u>or</u> Lavender top EDTA; Red top tube - 0.5 ml
FNA – STAINED OR UNSTAINED	\$39.32	Protect slide from breakage; Please indicate "site" and give complete history	Slide - air dried imprint or smear

MILK TESTING

SHIP REFRIGERATED OR ON ICE PACKS
A COMPLETED MONTANA MILK PROGRAM SUBMISSION FORM OR SV43 IS REQUIRED WITH SUBMISSION

TEST	FEE	SAMPLE AND VOLUME REQUIRED
ADDED WATER	\$3.25	Milk - 100 ml
ANTIBIOTIC	\$24.25	Milk - 100 ml
BRUCELLA RING TEST SCREENING	\$2.25	Milk - 100 ml
COLIFORM COUNT	\$5.25	Milk or water - 100 ml
COMPONENT – BUTTERFAT PROFILE	\$1.25	Milk - 100 ml
GERBER	\$3.25	Ice cream fat - 100 ml



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MILK TESTING

SHIP REFRIGERATED OR ON ICE PACKS

A COMPLETED MONTANA MILK PROGRAM SUBMISSION FORM OR SV43 IS REQUIRED WITH SUBMISSION

TEST	FEE	SAMPLE AND VOLUME REQUIRED
LISTERIA CULTURE	\$11.75	Environmental swabs
FAT DIGESTION – CHEESES	\$13.25	Cheese - 100 g sample
PESTICIDE – ORGANOPHOSPHATE AND CARBAMATES	\$25.25 minimum	Milk - 100 ml
PESTICIDE – CHLORINATED HYDROCARBONS	\$220.50 minimum	Milk - 100 ml
PHOSPHATASE	\$6.50	Milk - 100 ml
SOMATIC CELL COUNT (DIRECT)	\$5.25	Milk - 100 ml
SOMATIC CELL COUNT (ELECTRONIC)	\$1.25	Milk - 100 ml
STANDARD PLATE COUNT	\$6.00	Milk - 100 ml
YEAST AND MOLD	\$6.00	Milk - 100 ml

LABORATORY CERTIFICATION REVIEW – CONTACT THE LAB

MOLECULAR DIAGNOSTICS

TURNAROUND TIME 2-5 DAYS

TRITRICHOMONAS SET-UP DAYS MWF - ALL OTHERS M-F

A COMPLETED SV43 IS REQUIRED WITH SUBMISSION, EXCEPTIONS LISTED BELOW

TEST	FEE	DESCRIPTION	SAMPLE REQUIREMENTS & SPECIAL INSTRUCTIONS
AVIAN INFLUENZA/ NEWCASTLE DISEASE / SWINE INFLUENZA	\$34.65	PCR – AI, APMV, SIV	Swabs – Contact Laboratory
BOVINE CORONAVIRUS/ROTAVIRUS MULTIPLEX	\$37.77	PCR – BCV / BRV	1-2gm feces or swab in viral media
BOVINE VIRAL DIARRHEA	Individual sample \$34.65	PCR - BVD	Serum, blood, feces, tissue
	Ear Notch – pooled samples \$57.75	Up to 24 samples pooled at MVDL	Ear notch tissue
	Retest positive pool \$4.40	Antigen capture ELISA; individual retest	None
<i>E. COLI</i> - K99	Contact Lab	PCR	Feces
OTHER TESTS AVAILABLE	Contact Lab	PCR	Serum, blood, tissues
MYCOBACTERIUM AVIUM SUBSP. PARATUBERCULOSIS	Individual sample \$34.65	PCR – Johne's disease	Feces – 5 to 10 grams (2 tablespoons minimum) per sample; Ship with ice pack
	Pooled sample \$40.42	Up to 5 samples pooled by MVDL	
	Retest positive pool \$34.65	Individual retest	
SALMONELLA ENTERICA ENTERITIDIS (SE)	Individual sample \$32.45	PCR – SE	See Website: http://liv.mt.gov/Diagnostic-Lab/Forms-and-Kits for submission instructions & form
	Retest positive sample \$36.30	Culture confirmation	None
TRITRICHOMONAS FOETUS	Individual sample \$28.50	PCR	InPouch™ TF Bovine or Transit Tube; SV2E & SV69 accepted; Ship dry or with hand warmer; DO NOT SHIP ON ICE ; Notify Lab for Saturday delivery See Website: http://liv.mt.gov/Diagnostic-Lab/Forms-and-Kits for submission instructions
	Pooled sample \$52.50	Up to 5 samples pooled at MVDL	
	Retest positive pool \$28.50	Individual re-test	



MONTANA VETERINARY DIAGNOSTIC LABORATORY USER'S GUIDE & FEE SCHEDULE

RABIES

TESTING FOR SAMPLES RECEIVED BEFORE 11:00 AM WILL BE COMPLETED THE DAY THEY ARE RECEIVED

A COMPLETED SV43 IS REQUIRED WITH SUBMISSION

TEST	FEE	SAMPLE	SHIPPING
SMALL ANIMAL	\$31.50	Entire brain; fresh	Ship on ice pack; Use leak proof outer container with adequate absorbent material See Website: http://liv.mt.gov/Diagnostic-Lab/Forms-and-Kits for submission instructions
LARGE ANIMAL – INCLUDES HISTOPATHOLOGY	\$58.00	Entire brain; fresh	

CARCASS DISPOSAL – RABIES SUBMISSIONS

Bats and small rodents	Included in fee
All other small animals, up to 30 lbs	\$55.00
31-60 lbs	\$85.00
61-90 lbs	\$115.00

SEROLOGY - LARGE ANIMAL

SHIP WITH ICE-PACK – DO NOT FREEZE – SERUM RECOMMENDED DURING EXTREME WEATHER CONDITIONS – FORMS MUST BE SIGNED – TUBES SHOULD BE UNIQUELY IDENTIFIED - MOST TESTS STARTED BY 9:00 A.M. ON SCHEDULED TEST DAY

A COMPLETED SV2A IS REQUIRED, EXCEPTIONS LISTED BELOW

TEST	FEE	DESCRIPTION	SAMPLE REQUIREMENTS	TEST DAYS / TAT
ANAPLASMA	\$ 8.80	ANA cELISA	Red-top tube or Tiger-top tube; 1 ml serum (preferred) or clotted blood	Th / 2 days
AVIAN INFLUENZA	1-9 \$6.60 10-24 \$5.50 25-49 \$3.30 50 or more \$2.20	AI-AGID	Red-top tube or Tiger-top tube; 1 ml serum (preferred) or clotted blood	M-Th / 2-4 days M-Th / 2-4 days M-Th / 2-4 days M-Th / 5-7 days
BLUETONGUE VIRUS	\$7.15	AGID	Red-top tube or Tiger-top tube; 1 ml serum (preferred) or clotted blood	Contact Lab 2-4 days
BLUETONGUE VIRUS	1-100 \$9.62 101-500 \$7.15 501 or more \$4.40	cELISA	Red-top tube or Tiger-top tube; 1 ml serum (preferred) or clotted blood	W / 2-4 days W / 5-7 days W / 5-7 days
BOVINE LEUKEMIA VIRUS	1-100 \$7.70 101-500 \$6.60 501 or more \$4.40	BLV ELISA	1 ml serum	M / 1-2 days M / 1-2 days M / 1-3 days
BOVINE LEUKEMIA VIRUS	\$8.00	BLV AGID	1 ml serum	M / 2 days
BOVINE RESPIRATORY SYNCYTIAL VIRUS	\$7.70	BRSV SN	1 ml serum	Tu / 6 days
BOVINE VIRAL DIARRHEA TYPE I, II	\$15.12	BVD SN	1 ml serum	W / 5 days
BOVINE VIRAL DIARRHEA	1-100 \$5.77 101-500 \$4.67 501 or more \$4.12	BVD ELISA	1 ml serum or ½" ear notch	M / 1-2 days M / 1-2 days M / 1-3 days
BRUCELLA ABORTUS	\$1.60 \$2.65 \$2.65 \$2.65	Card, BAPA, FP, RAP Rivanol or SPT CF STT	Red-top or Tiger-top tube; 1 ml serum (preferred) or clotted blood; Federal Brucellosis Submission Form or SV2A accepted	Daily / 1 day Daily / 1 day W / 2-4 days MTuW / 2-4 days
BRUCELLA OVIS	\$8.00	ELISA	1 ml serum (preferred) or clotted blood	M / 1-2 days



MONTANA VETERINARY DIAGNOSTIC LABORATORY USER'S GUIDE & FEE SCHEDULE

SEROLOGY - LARGE ANIMAL

SHIP WITH ICE-PACK – DO NOT FREEZE – SERUM RECOMMENDED DURING EXTREME WEATHER CONDITIONS – FORMS MUST BE SIGNED – TUBES SHOULD BE UNIQUELY IDENTIFIED - MOST TESTS STARTED BY 9:00 A.M. ON SCHEDULED TEST DAY
A COMPLETED SV2A IS REQUIRED, EXCEPTIONS LISTED BELOW

TEST	FEE	DESCRIPTION	SAMPLE REQUIREMENTS	TEST DAYS / TAT
CAPRINE ARTHRITIS ENCEPHALITIS	\$7.15	CAE - AGID	Red-top or Tiger-top tube; 1 ml serum (preferred) or clotted blood	M-Th / 2-4 days
CAPRINE ARTHRITIS ENCEPHALITIS	\$7.15	CAE - cELISA	Red-top or Tiger-top tube; 1 ml serum (preferred) or clotted blood	M-Th / 2-4 days
EPIZOOTIC HEMORRHAGIC DISEASE	\$11.55	EHD - AGID	Red-top or Tiger-top tube; 1 ml serum (preferred) or clotted blood	M-Th / 2-4 days
EQUINE INFECTIOUS ANEMIA (Same Owner)	1-15 \$8.00 16-50 \$6.00 51 or more \$4.75	EIA - AGID	Red-top or Tiger-top tube; 1 ml serum (preferred) or clotted blood; VS10-11 EIA Form, Global Vet Link™ Form & USDA VSPS Form accepted	Daily / 2-4 days Daily / 2-4 days Daily / 2-4 days
EQUINE INFECTIOUS ANEMIA (Same Owner)	1-15 \$13.00 16-50 \$10.50 51 or more \$9.50	EIA – ELISA	Red-top or Tiger-top tube; 1 ml serum (preferred) or clotted blood	Daily / 1-2 days Daily / 1-2 days Daily / 2-4 days
EIA GLOBAL VET LINK SUBMISSIONS	\$1.10			
INFECTIOUS BOVINE RHINOTRACHEITIS	\$7.70	IBR - SN	Red-top tube – 1 ml serum	F / 3 days
LEPTOSPIRA MAT – 5 SEROVARS*	\$11.55		Red-top tube – 1 ml serum * <i>L. canicola</i> , <i>L. grippo</i> , <i>L. hardjo</i> , <i>L. ictero</i> , <i>L. pomona</i>	Th / 1-2 days
LEPTOSPIRA AUTUMNALIS	\$2.47		Red-top tube – 1 ml serum	Th / 1-2 days
LEPTOSPIRA BRATISLAVA	\$2.47		Red-top tube – 1 ml serum	Th / 1-2 days
MYCOBACTERIUM AVIUM SUBSP. PARATUBERCULOSIS (JOHNE'S DISEASE)	1-100 \$8.80 101-500 \$6.60 501 or more \$4.40	MAP – ELISA	Red-top or Tiger-top tube; 1 ml serum (preferred) or clotted blood	W-F / 1-2 days W-F / 5-7 days W-F / 5-7 days
OVINE PROGRESSIVE PNEUMONIA	\$7.15 \$7.15	OPP - AGID OPP - cELISA	Red-top or Tiger-top tube; 1 ml serum (preferred) or clotted blood	M-Th / 2-4 days
PARAINFLUENZA 3 (PI-3) - HAI	\$5.77	PI-3 - HAI	Red-top tube – 1 ml serum	Th / 2 days
PSEUDORABIES - gB ELISA	\$6.60	gB - ELISA	Red-top tube – 1 ml serum	Th / 2 days
SALMONELLA PULLORUM MAT	\$5.22		Red-top or Tiger-top tube; 1 ml serum (preferred) or clotted blood	M-Th / 5-7 days
VESICULAR STOMATITIS (VS)	\$51.97	VS - CF	Red-top or Tiger-top tube; 1 ml serum (preferred) or clotted blood	Contact Lab
VESICULAR STOMATITIS - NJ & IND	\$15.12	VS - SN	Red-top tube – 1 ml serum	Tu / 2-3 days
WEST NILE VIRUS	July 1 to October 15 \$23.10 Off Season Referral	WNV - ELISA Referral	Red-top tube – 1 ml serum	Contact Lab Contact Lab



MONTANA VETERINARY DIAGNOSTIC LABORATORY USER'S GUIDE & FEE SCHEDULE

SEROLOGY - SMALL ANIMAL

TESTS RUN DAILY WITH 1 DAY TAT

SHIP IN RED TOP TUBE WITH ICE-PACK – DO NOT FREEZE

A COMPLETED SV43 IS REQUIRED WITH SUBMISSION

TEST	FEE	DESCRIPTION	SAMPLE REQUIREMENTS
BRUCELLA CANIS	\$23.00	R-SAT Screen test Red top tube - Ship with ice pack, do not freeze	Serum or clotted blood – 1 ml
FELINE INFECTIOUS PERITONITIS	\$31.35	FIP ELISA	Serum or heparinized plasma - 0.5 ml
FELINE LEUKEMIA	\$19.80	FelV ELISA	Serum or heparinized plasma - 0.5 ml
FELV & FIV	\$31.35	FelV & FIV ELISA	Serum or heparinized plasma - 0.5 ml

VIROLOGY (SEE ALSO LARGE ANIMAL SEROLOGY SECTION ABOVE)

A COMPLETED SV2A IS REQUIRED WITH SUBMISSION

TEST	FEE	SPECIMEN REQUIRED / SHIPPING AND HANDLING	TEST DAYS / TAT
CANINE PARVOVIRUS ELISA	\$27.77	0.5 ml feces	Daily / 1 day
FLUORESCENT ANTIBODY	\$9.35/agent	1 ml serum or tissue	Mon / 1-2 days
Agents:			Leptospira
BCV (Bovine Coronavirus)	CDV (Canine Distemper Virus)	FHV (Feline Herpesvirus)	PI3 (Parainfluenza 3 Virus)
BRSV (Bovine Respiratory Syncytial Virus)	CPV (Canine Parvovirus)	FIP (Feline Infectious Peritonitis)	PPV (Porcine Parvovirus)
BVD (Bovine Virus Diarrhea)	EHV (Equine Herpesvirus)	FPLV (Feline Panleukopenia Virus)	
		IBR (Infectious Bovine Rhinotracheitis)	
ROTAVIRUS ELISA	\$28.87	0.5 ml feces	F / 1 day
VIRUS ISOLATION (LIVESTOCK ONLY)	\$28.87	1 ml tissue, serum, whole blood	F / 3 weeks

