

TEST NAMES	FEE (US\$)	TEST NAMES	FEE (US\$)
CYTOLOGY		MOLECULAR DIAGNOSTICS	
Bone Marrow Aspirate and Core Biopsy	98.00	Bacterial PCR	
Bone Marrow Aspirate Only	79.00	Actinobacillus pleuropneumoniae - APP	37.50
Complete Body Fluids (pericardial, peritoneal, synovial, cerebral spinal fluid - CSF, pleural)	68.00	Actinobacillus pleuropneumoniae - APP (Serotypes 3, 6 and 8)	37.50
Cytology - Multiple Joint, Mass or Node	70.00	Actinobacillus pleuropneumoniae/Actinobacillus suis Multiplex - APP/A. suis	37.50
Tissue Cytology - Slides Only	58.00	Actinobacillus pleuropneumoniae - APP Serotyping	37.50
Urine Sediment Only	46.00	Actinobacillus suis	37.50
ELECTRON MICROSCOPY		<i>Bacillus anthracis</i>	No charge
Note: \$10 accession fee will be applied to all submissions. Additional charges may apply if samples are submitted in paraffin blocks, or if images are requested. For service details, contact VDL.		Bacterial Identification by DNA Sequencing (16S rRNA gene)	50.00
Negative Staining EM (Diagnostic)	45.00	Brachyspira hyodysenteriae and Brachyspira pilosicoli Multiplex PCR	37.50
Ultrastructural Pathology (Diagnostic)	300.00	Brachyspira Sequencing PCR	37.50
Research	Contact VDL	Clostridium perfringens Toxin Gene Typing	34.00
HEMATOLOGY		Erysipelothrix rhusiopathiae Real Time PCR	37.50
Anaplasma (Ehrlichia)/WBC Parasite Screen on Blood Smears	32.00	Escherichia coli Virulence Factors	33.25
APTT	30.00	Genotype Analysis, Bacterial (BioNumerics)	37.50
Blood Smear Review	32.00	Haemophilus parasuis Real Time PCR	37.50
Blood Typing, Canine	58.00	Lawsonia intracellularis Real Time PCR	32.50
Blood Typing, Feline	58.00	Leptospira sp.	18.75
Bone Marrow Aspirate & Core Biopsy	98.00	Mycobacterium paratuberculosis - Johne's	21.75
Bone Marrow Aspirate Only	79.00	Mycoplasma bovis Real Time PCR	23.75
Buffy Coat Smears	34.00	Mycoplasma gallisepticum (PCR)	27.50
Coagulation Profile (APTT, Fibrinogen, FSP, Platelet Count, PT)	131.00	Mycoplasma hyopneumoniae Identification	30.25
Complete Blood Cell Count - CBC	63.00	Mycoplasma hyopneumoniae Complete P146 Sequencing	149.00
CBC (Total Cell Counts Only)	31.00	Mycoplasma hyorhinis Real Time PCR	18.75
Cell Counts, TPP	33.00	Mycoplasma hyosynoviae Real Time PCR	18.75
Crossmatch, All Species (Up to 3 Donors)	46.00	Mycoplasma iowae (PCR)	27.50
		Mycoplasma meleagridis (PCR)	27.50
Miniscreen (Blood Smear Scan, HCT, Microfilaria Screen, TPP, WBC)	45.00	Mycoplasma synoviae (PCR)	27.50
Packed Cell Volume/TPP	12.00	Pasteurella multocida Toxin Testing	37.50
Platelet Count	31.00	<i>Salmonella cholerasuis</i> Argus-Vaccine Identification	32.50
PT (Prothrombin Time)	30.00	Salmonella enterica Real-time PCR (TaqMan®)	31.25
PT and APTT	43.00	Streptococcus suis	35.50
RBC Parasite Screen (Anaplasma, Babesia, and Mycoplasma- formerly Eperythrozoon, Hemobartonella)	32.00	Streptococcus suis Serotyping (Serotypes 1, 2, 7 and 9)	37.50
Reticulocyte Count	33.00		
WBC Differential Only	32.00	Viral	
WBC Parasite Screen	32.00	Avian Pneumovirus - APV	25.00
		Bovine Coronavirus - BCOV	32.50
		Bovine Respiratory Syncytial Virus - BRSV	23.75
		Bovine Rotavirus (Types A and B)	27.00

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Bovine Rotavirus A Sequencing (VP7 and VP4)	149.00	Spring Viremia of Carp	29.00
Bovine Viral Diarrhea – BVD (serum / tissue)	6.75 / 17.50	Swine Hepatitis E Virus	59.25
Bovine Viral Diarrhea - BVD (for Alpacas and Llamas only)	6.75	Transmissible Gastroenteritis Virus – TGEV	25.00
Bovine Viral Diarrhea - BVD Ear Notch Screen Pooled Testing (See Virology for BVD ear notch individual testing)	31.25	Transmissible Gastroenteritis Virus – TGEV Full Length Spike Gene Sequencing	447.00
Bovine Viral Diarrhea - BVD Genetic Analysis	149.00	Transmissible Gastroenteritis Virus – TGEV ORF3 Sequencing	135.25
Canine Influenza Virus Group A Matrix RRT PCR	15.00	Viral Hemorrhagic Septicemia	10.50
Circovirus Universal (Types 1 and 2)	44.50	Misc. PCR	
Circovirus Type 2	37.25	Fish Barcode DNA Sequencing for Species Identification	50.00
Circovirus Type 2 Genetic Analysis	121.75	Freemartin in Cattle	Ref. lab fee
Equine Encephalidites	No charge	NECROPSY	
Encephalomyocarditis Virus - EMC	32.50	General Exam of Tissue (Per Animal)	
Newcastle Disease Matrix (USDA)	39.50	Companion Animal (Canine, Feline, Equine)	150.00
Exotic Newcastle Disease Fusion (USDA)	39.50	Fish (up to 4 fish/accession; \$10.00 for each additional fish)	60.00
Influenza Virus Group A, Subtyping for H & N	22.00	Poultry (up to 10 birds/accession; \$6.25 for each additional bird)	75.25
Hemagglutinating Encephalomyelitis Virus - HEV (VWD)	32.50	Rabies Exam	26.25
Hemagglutinating Encephalomyelitis Virus - HEV (VWD) Full Length HE Gene Sequencing	149.00	Ruminants	85.00
Heterosporis sp.	26.25	Swine	95.00
Infectious Bovine Rhinotracheitis IBR/BHV-1	23.75	Wildlife	85.00
Influenza Virus Group A, Subtyping for H5/H7 (USDA)	15.25	Zoo Animal	85.00
Influenza Routing Testing, Group A Matrix RRT - PCR	30.00	Research Samples	Charge per test
Influenza Virus, Group A Matrix (USDA) (for avian)	30.00	General Exam of Feces (Per Animal)	
Influenza Virus Sequencing	149.00	Companion Animal (Canine, Feline, Equine)	92.50
Koi Herpes Virus	26.25	Equine	92.50
Porcine Cytomegalovirus - PCMV	62.00	Non-human Primate	68.75
Porcine Epidemic Diarrhea Virus (PEDV) and Porcine Deltacoronavirus (PDCoV) Real Time Multiplex PCR	30.00	Ruminant	68.75
Porcine Epidemic Diarrhea Virus (PEDV) Whole Genome Next Gen Sequencing	300.00	Swine	88.50
Porcine Parvovirus and Parvovirus 2- PPV (Real Time PCR)	32.50	Zoo and Wildlife	68.75
Porcine Reproductive and Respiratory Virus - NAEU PRRS, Life Tech	28.00	NEUROMUSCULAR	
Porcine Reproductive and Respiratory Virus - PRRS, Quantitative (U.S. Strain Only)	32.50	<i>Note: Fees include all charges.</i>	
Porcine Reproductive and Respiratory Virus - PRRS, Genetic Analysis (Strain Differentiating / Sequencing)	100.00	Alaskan Malamute Polyneuropathy (AMPN)	65.00
Porcine Reproductive and Respiratory Virus – PRRS, Tetracore EZ-PRRSV MPX 4.0 Real-Time Multiplex	48.75	Canine Exercise Induced Collapse (EIC)	65.00
Porcine Rotavirus (Types A, B, and C)	27.00	Equine Malignant Hyperthermia	65.00
Porcine Rotavirus Sequencing Type A (VP7 and VP4)	149.00	Equine Polysaccharide Storage Myopathy (PSSM)	65.00
Porcine Rotavirus Sequencing (VP7 for Type B and C)	135.25	Leonberger Polyneuropathy (LPN1 & LPN2, each)	65.00
Seneca Valley Virus	30.00	Combined test	100.00
		NUTRITION	
		Acid Detergent Fiber	Ref. lab fee
		Ascorbic Acid (Vitamin C)	Ref. lab fee
		Ash, Bone	Ref. lab fee
		Ash, Feed	Ref. lab fee
		Beta Carotene, Feed	Ref. lab fee
		Beta Carotene, Other	Ref. lab fee

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Beta Carotene, Serum	Ref. lab fee	Coccidia Speciation	20.50
Beta Hydroxybutyrate (BHB)	Ref. lab fee	Cryptosporidium – Crypto Immunofluorescence (Giardia IFA can be added at no additional charge)	28.00
Copper	Ref. lab fee	Ectoparasite Exam	26.25
Crude Fat	Ref. lab fee	Fecal Flotation or Smear	17.75
Crude Fiber	Ref. lab fee	Giardia Immunofluorescence (Cryptosporidia IFA may be added at no additional charge)	28.00
Crude Protein	Ref. lab fee	Heartworm, Canine/Feline	34.75
Dry Matter	Ref. lab fee	Knott's Test (Dirofilaria)	26.25
Fat, Liver	Ref. lab fee	Parasite Identification	32.00
Fatty Acid Profile	Ref. lab fee	Quantitative Fecal Exam	23.25
Feed Analysis, Equine Hay (Acid Detergent Fiber, Crude Protein, Dry Matter)	Ref. lab fee	For 10 or more samples -	17.00
Feed Analysis, Standard NIR (Dry Matter, Crude Protein, SP, RDP, ADICP, NDICP, ADF, NDF, Lignin, Starch, Sugar, NCS, NFC, Fat, Ash, RFV, TDN)	Ref. lab fee	SNAP 4DX (<i>Dirofilaria immitis</i> Ag, <i>Anaplasma phagocytophilum</i> Ab, Lyme Ab, <i>Ehrlichia canis</i> Ab)	45.00
Feed Analysis, Standard by Wet Chemistry (Dry matter, Crude Protein, Acid detergent fiber, acid detergent insoluble crude protein)	Ref. lab fee	Tritrichomonas – Trich Culture, Bovine Reproduction	18.50
Metabolic Profile	Ref. lab fee	PATHOLOGY	
Non-Esterified Fatty Acids (NEFA)	Ref. lab fee	Histology	
NEFA Plus BHB	Ref. lab fee	Routine H&E Stain Slide Preparation	12.00
Neutral Detergent Fiber	Ref. lab fee	Histopathology/Surgical (for 1-2 slides)	51.00
Primary Trace Nutrient Panel (Cobalt, Copper, Iron, Manganese, Molybdenum, Selenium, Zinc)	Ref. lab fee	Additional slide charge (discretion of CSU)	10.00
Primary Trace Nutrient Panel plus Electrolytes (Calcium, Chloride, Magnesium, Phosphorus, Potassium, Bicarbonate, Cobalt, Copper, Iron, Manganese, Molybdenum, Na:K Ratio, Selenium, Sodium, Zinc)	Ref. lab fee	Unstained Paraffin Sections	4.50
Selenium and Copper Panel	Ref. lab fee	Special Stains	
Selenium, Feed	Ref. lab fee	Acid Fast Bacilli (AFB)	18.50
Selenium, Other	Ref. lab fee	Alcian Blue (mucin)	18.50
Selenium, Serum	Ref. lab fee	Bielschowsky Silver (nerve axons, plaques)	23.00
Selenium, Tissue	Ref. lab fee	Congo Red (amyloid)	18.50
Selenium, Whole Blood	Ref. lab fee	Cresyl Fast Violet (Nissl)	18.50
Trace Nutrient Minerals - Tissue (Cobalt, Copper, Iron, Manganese, Molybdenum, Selenium, Zinc)	Ref. lab fee	Elastic	18.50
Vitamin A, Feed	Ref. lab fee	Fite's Acid Fast Bacilli (<i>Mycobacterium leprae</i> , <i>Nocardia</i>)	18.50
Vitamin A, Other	Ref. lab fee	Fontana Masson (argentaffin)	18.50
Vitamin A, Serum	Ref. lab fee	Giemsa (mast cells)	18.50
Vitamin A, Tissue	Ref. lab fee	Gram (micro-organisms)	18.50
Vitamin D, Feed	Ref. lab fee	Grocott's Methenamine Silver (GMS; Fungus)	18.50
Vitamin E, Feed	Ref. lab fee	Luxol Fast Blue (myelin)	18.50
Vitamin E, Other	Ref. lab fee	Melanin Bleach	18.50
Vitamin E, Serum	Ref. lab fee	Mucicarmine (mucin)	18.50
Vitamin E, Tissue	Ref. lab fee	PAS – Diastase or Light Green counterstain	18.50
Vitamin Profile, Serum (Vitamin E, Vitamin A, Beta-carotene)	Ref. lab fee	Periodic Acid Schiff (PAS; glycogen)	18.50
PARASITOLOGY		Picrosirius Red (collagen)	18.50
Baerman Sedimentation	17.75	Prussian Blue (iron)	18.50
Blood Parasite Screen (See Hematology)	32.00	Phosphotungstic Acid Hematoxylin (PTAH; fibrin)	18.50
Bothriocephalus acheilognathi (Intestine squash)	5.25 / fish	Reticulum	18.50
		Rhodanine (copper)	18.50
		Steiner (spirochetes)	23.00
		Toluidine Blue (mast cells)	18.50

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Trichrome (collagen. Muscle)	18.50	Tissue Antigens	
Von Kossa (calcium)	18.50	Actin, alpha-Smooth Muscle, 1A4	29.25
Immunohistochemistry		Adrenocorticotrophic Hormone (ACTH)	29.25
Infectious Agents		Alpha-1-Antitrypsin (AAT)	29.25
Adenovirus	20.50	Amylin, IAPP; anti-human or -cat	29.25
Avian Bornavirus (ABV)	20.50	Calbindin	29.25
Avian Pneumovirus (APV)	17.50	Calcitonin	29.25
Borrelia burgdorferi-Lyme	20.50	Calcitonin Gene Related Peptide (CGRP)	29.25
Bovine Coronavirus (BCV)	20.50	Calretinin	29.25
Bovine Herpes Virus (BHV/IBR)	20.50	CD117, c-kit, mast cells; GIST; stem cell precursor receptor	29.25
Bovine Respiratory Syncytial Virus (BRSV)	20.50	Chromogranin A	29.25
Bovine Rotavirus	20.50	Cytokeratin 5/14; CK 5/14	29.25
Bovine Viral Diarrhea Virus (BVD)	20.50	(basal cells, myoepithelium, epithelial mesotheliona)	
Bovine ear skin biopsy, per sample	7.25	Cytokeratin 34BE12; CK's #1,5,10,14, high MW (all squamous, transitional and some ductal epithelia)	29.25
Brachyspira sp. (Serpulina sp.)	20.50	Cytokeratin Ks20.8; CK #20 (gastric, intestinal, urothelial epithelia, Merkel cells)	29.25
Canina Adenovirus-1 (CAV1)	20.50	Cytokeratin MNF116; broad spectrum (all glandular to squamous epithelia)	29.25
Canine Adenovirus-2 (CAV2)	20.50	Cytokeratin 5D3; CK's #8,18,19; low MW (ductal, glandular epithelia)	29.25
Canine Coronavirus (CCV)	20.50	Cytokeratin OV-TL 12/30; CK#7 (glandular, transitional epithelia)	29.25
Canine Distemper Virus (CDV)	20.50	Desmin, D33	29.25
Canine Parvovirus (CPV)	20.50	Doublecortin	29.25
Caprine Arthritis Encephalitis Virus (CAEV)	20.50	Factor VIII-Related Antigen (von Willebrand's)	29.25
Chlamydia (psittaci, trachomatis, _neumonia)	20.50	Gastrin	29.25
Chronic Wasting Disease (CWD) If whole head is submitted	25.00 +34.00	Glial Fibrillary Acidic Protein (GFAP)	29.25
Equine Herpes Virus/Equine Rhinotracheitis Virus (EHV/ERV)	20.50	Glucagon	29.25
Feline Herpes Virus (FHV)	20.50	Growth Hormone	29.25
Feline Infectious Peritonitis (FIP)	20.50	Hepatocyte	29.25
Feline Leukemia Virus (FeLV)	20.50	Islet Amyloid Polypeptide (IAPP, Amylin); anti-human or -cat	29.25
Feline Panleukopenia Virus (FPV)	20.50	Insulin	29.25
Feline Parvovirus (FPV)	20.50	Ki-67	29.25
Infectious Bovine Rhinotracheitis (IBR)	20.50	Lysozyme/Muramidase	29.25
Influenza A Virus (InfA)	20.50	Melanoma Antigen; Melan -A; A103	29.25
Lawsonia intracellularis (polyclonal)	20.50	Myeloid/Histiocyte Antigen, MAC387	29.25
Leptospira pomona	20.50	Myoglobin	29.25
Leptospira sp.	20.50	Neurofilament Protein (NF); 2F11	29.25
Listeria monocytogenes	20.50	Neurofilament Protein non-phosphorylated (NF-nonphos)	29.25
Mink Enteritis Virus (MEV)	20.50	Neuron-Specific Enolase (NSE)	29.25
Neospora caninum	20.50	Oligodendrocyte Transcription Factor 2 (Olig2)	29.25
Porcine Circovirus-2 (PCV-2)	20.50	Pancreatic Polypeptide (PP)	29.25
Porcine Epidemic Diarrhea Virus (PEDV)	20.50	Parathyroid Hormone	29.25
Porcine Reproductive and Respiratory Syndrome Virus (PRRS)	20.50	Prolactin	29.25
Porcine Rotavirus	20.50	Proliferating Cell Nuclear Antigen (PCNA); PC10; S phase	29.25
Rabies Virus	20.50	Prostate Specific Antigen (PSA)	29.25
Salmonella sp.	20.50		
Sarcocystis neurona	20.50		
Scrapie (program testing)	no charge		
Swine Influenza Virus, Group (SIV)	20.50		
Toxoplasma gondii	20.50		
Transmissible Gastroenteritis Virus (TGE)	20.50		
West Nile Virus (WNV)	20.50		

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S-100 Protein	29.25	Mycoplasma gallisepticum – MG (SPA, ELISA or HI)	2.50
Serotonin, 5HT-H209	29.25	Mycoplasma meleagridis – MM (SPA, ELISA or HI)	2.50
Somatostatin	29.25	Mycoplasma synoviae – MS (SPA, ELISA or HI)	2.50
Synaptophysin, SY38	29.25	Ornithobacterium rhinotracheale – ORT (ELISA)	2.50
Thyroglobulin	29.25	Salmonella pullorum – SP (SPA / tube Agg)	4.25/4.00
Thyroid Stimulating Hormone (TSH)	29.25	Salmonella typhimurium – ST (SPA / tube Agg)	2.25/4.00
Thyroid Transcription Factor	29.25	Bovine	
Thyroxine – T4	29.25	Anaplasmosis (CF)	Ref. lab fee
Tryptase, mast cell, AA1	29.25	Anaplasmosis (ELISA)	3.50
Vimentin, V9	29.25	Bluetongue – BT (AGID)	6.75
Immunologic Markers		Bluetongue – BT (ELISA)	5.25
CD11d; myeloid cells, Canine only	29.25	Bovine Herpes Virus 4 – BHV/DN 599 (IFA)	7.75
CD3; T cells, All species	29.25	Bovine Leukosis – BLV (AGID)	6.75
CD31; endothelium, platelets; Canine, Feline, Primate	29.25	Bovine Leukosis – BLV (ELISA)	6.00
CD18; Leukocyte Func Assoc-1 Ag; LFA-1; CA16.3C10, Canine only	29.25	Bovine Parainfluenza 3 – PI3 (HI)	7.25
CD18; Leukocyte Func Assoc-1 Ag; LFA-1; FE3.9F2, Feline only	29.25	Bovine Respiratory Syncytial Virus – BRSV (SN)	7.50
CD20; B cells; all species	29.25	Bovine Viral Diarrhea, Type 1 – BVD1 (SN)	6.75
CD45 (Leukocyte Common Antigen; LCA); Canine only	29.25	Bovine Viral Diarrhea, Type 2 – BVD2 (SN)	6.75
CD45RA; B cells, monocytes, some T cells; CA21.4B3, Canine only	29.25	Brucella abortus (BAPA, Card, RAP, RIV, SPT, STT)	2.25 each
CD79a (B cells); all species	29.25	Brucella abortus (CF)	Ref. lab fee
CD117 (c-kit; mast cells, gastrointestinal stromal tumors)	29.25	Brucella abortus (FPA)	7.50
IgA; Bovine, Canine, Equine	29.25	Chlamydia (CF)	Ref. lab fee
IgG; Bovine, Canine, Equine, Feline, Ovine, Porcine	29.25	Epizootic Hemorrhagic Disease – EHD (AGID)	6.75
IgM; Bovine, Canine, Equine, Feline, Porcine	29.25	IgG/IgM (AGID)	6.75
Kappa Ig Light Chain; All Species	29.25	Total immunoglobulin (IgG/IgM in mg/dl) by Zinc Sulfate Turbidity method	5.00
Lambda Ig Light Chain; All Species	29.25	Infectious Bovine Rhinotracheitis – IBR/BHV 1 (SN)	7.50
PAX-5; B cells; all species	29.25	Leptospirosis, 6 Serovars-LEPTO (MAT)	11.00
SEROLOGY		Mycobacterium paratuberculosis – Johne's (CF)	Ref. lab fee
Avian (\$10 accession fee NOT applied)		Mycobacterium paratuberculosis – Johne's (ELISA)	6.75
Avian Influenza – AI (AGID)	2.75	Neospora sp. (ELISA)	10.25
Avian Influenza – AI – Egg Yolk	5.00	Vesicular Stomatitis – VSV, Indiana and New Jersey Strains (SN)	7.75 each strain
Avian Influenza – AL (ELISA)	3.25	Canine	
Avian Paramyxovirus 2 – APMV1 (ELISA or HI)	2.50	Borrelia burgdorferi – Lyme Disease (IFA)	20.50
Avian Paramyxovirus 2 – APMV2 (HI)	2.50	Brucella canis (Card Agglutination)	14.75
Avian Paramyxovirus 3 – APMV3 (HI)	2.50	Brucella canis (Tube Agglutination)	14.75
Avian Metapneumovirus – aMPV (ELISA)	2.50	Canine Distemper Virus – CDV	Ref. lab fee
Avian Reovirus – REO (ELISA)	2.50	Canine Influenza – CIV (HI)	10.50
Bordetella avium – BA (ELISA)	2.50	Canine Parvovirus – CPV (HI)	Ref. lab fee
Chlamydia (CF)	Ref. lab fee	Leptospirosis, 6 Serovars – LEPTO (MAT)	11.00
Hemorrhagic Enteritis/Turkey Adenovirus HE (ELISA)	3.50		
Infectious Bronchitis – IB, Arkansas, Connecticut and Massachusetts Strains (HI)	Ref. lab fee		
Infectious Bronchitis Virus – IBV (ELISA)	3.00		
Infectious Bursal Disease - IBD (ELISA)	Ref. lab fee		

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Camelid		Total immunoglobulin (IgG/IgM in mg/dl) by Zinc Sulfate Turbidity method	5.00
Bovine Viral Diarrhea, Type 1 – BVD1 (SN)	6.75	Lawsonia intracellularis (IPMA), With Titration	21.75
Bovine Viral Diarrhea, Type 2 – BVD2 (SN)	6.75	Leptospirosis, 6 Serovars – LEPTO (MA)	11.00
<i>Brucella abortus</i> (Card)	2.25	Potomac Horse Fever – PHF	Ref. lab fee
Total immunoglobulin (IgG/IgM in mg/dl) by Zinc Sulfate Turbidity method	5.00	Vesicular Stomatitis – VSV, Indiana and New Jersey Strains (SN)	7.75 each strain
Infectious Bovine Rhinotracheitis – IBR/BHV 1 (SN)	7.50	West Nile – WNV, IgG (ELISA)	Ref. lab fee
		West Nile – WNV, IgM (ELISA)	Ref. lab fee
Caprine		Ovine	
Bluetongue – BT (AGID)	6.75	Bluetongue – BT (AGID)	6.75
Bluetongue – BT (ELISA)	5.25	Bluetongue – BT (ELISA)	6.25
<i>Brucella abortus</i> (BAPA, Card, RAP, RIV, RT, SPT, STT)	2.25 each	<i>Brucella ovis</i>	Ref. lab fee
<i>Brucella abortus</i> (FPA)	7.50	<i>Coxiella burnetii</i> – Q Fever (ELISA)	14.50
<i>Brucella melitensis</i> (Card)	2.25	IgG/IgM (AGID)	6.75
Caprine Arthritis Encephalitis – CAE (AGID)	5.25	Leptospirosis, 6 Serovars – LEPTO (MAT)	11.00
Caprine Arthritis Encephalitis – CAE (ELISA)	6.00	<i>Mycobacterium paratuberculosis</i> – Johne's (CF)	Ref. lab fee
<i>Chlamydia</i> (CF)	Ref. lab fee	<i>Mycobacterium paratuberculosis</i> – Johne's (ELISA)	6.75
<i>Coxiella burnetii</i> – Q Fever (ELISA)	14.50	<i>Mycobacterium paratuberculosis</i> – Johne's (ELISA) Biocor	9.00
IgG/IgM (AGID)	6.75	Ovine Progressive Pneumonia – OPP (AGID)	5.25
Leptospirosis, 6 Serovars – LEPTO (MAT)	11.00	Ovine Progressive Pneumonia – OPP (ELISA)	6.00
<i>Mycobacterium paratuberculosis</i> – Johne's (ELISA) Biocor	9.00	<i>Toxoplasma gondii</i> – TOXO (Latex Agglutination)	19.50
Cervid (Deer & Elk)		Porcine	
Bluetongue – BT (AGID)	6.75	<i>Actinobacillus pleuropneumoniae</i> – APP (Idexx Apx IV ELISA)	11.75
Bluetongue – BT (ELISA)	5.25	<i>Actinobacillus pleuropneumoniae</i> – APP ELISA (Serotypes 1, 9, 11)	8.25
Bovine Parainfluenza 3 – PI3 (HI)	7.25	<i>Actinobacillus pleuropneumoniae</i> – APP ELISA (Serotypes 2)	8.25
Bovine Respiratory Syncytial Virus – BRSV (SN)	7.50	<i>Actinobacillus pleuropneumoniae</i> – APP ELISA (Serotypes 3, 6, 8)	8.25
Bovine Viral Diarrhea, Type 1 – BVD1 (SN)	6.75	<i>Actinobacillus pleuropneumoniae</i> – APP ELISA (Serotypes 4, 7)	8.25
Bovine Viral Diarrhea, Type 2 – BVD2 (SN)	6.75	<i>Actinobacillus pleuropneumoniae</i> – APP ELISA (Serotypes 5)	8.25
<i>Brucella abortus</i> (BAPA, Card, RAP, Rivanol, SPT, STT)	2.25 each	<i>Actinobacillus pleuropneumoniae</i> – APP ELISA (Serotypes 10)	8.25
<i>Brucella abortus</i> (FPA)	7.50	<i>Actinobacillus pleuropneumoniae</i> – APP ELISA (Serotypes 12)	8.25
Epizootic Hemorrhagic Disease – EHD (AGID)	6.75	<i>Brucella abortus</i> (BAPA, Card, RAP, RIV, SPT, STT)	2.25 each
Infectious Bovine Rhinotracheitis – IBR/BHV 1 (SN)	7.50	<i>Brucella abortus</i> (CF)	Ref. lab fee
Leptospirosis, 6 Serovars – LEPTO (MAT)	11.00	<i>Brucella abortus</i> (FPA)	7.50
<i>Mycobacterium paratuberculosis</i> – Johne's (ELISA) Biocor	9.00	Circovirus Type 2 – PCV2 (ELISA)	8.25
Equine		Circovirus Type 2 – PCV2 (Quantitative ELISA)	21.00
<i>Borrelia burgdorferi</i> – Lyme Disease (IFA)	20.50	Circovirus Type 2 – PCV2 (IFA)	Ref. lab fee
Equine Arteritis Virus – EAV	Ref. lab fee	Encephalomyocarditis – EMC (SN)	7.75
Equine Adenovirus – EadV	Ref. lab fee	<i>Haemophilus parasuis</i> (OppA ELISA)	10.50
Equine Encephalomyelitis Viruses – EEV	Ref. lab fee	Hemagglutinating Encephalomyelitis Virus – HEV (HI)	7.75
Equine Infectious Anemia – EIA (AGID)	9.50		
Equine Infectious Anemia – EIA (ELISA)	7.75		
Equine Influenza Virus – EIV	Ref. lab fee		
Equine Protozoal Myeloencephalitis – EPM	Ref. lab fee		
Equine Viral Rhinopneumonitis – ERV/EHV-1 (SN)	9.50		
IgG/IgM (AGID)	6.75		

TEST NAMES	FEE (US\$)	TEST NAMES	FEE (US\$)
IgG/IgM (AGID)	6.75	TOXICOLOGY	
Influenza A Virus – Swine – IAV-S Ab (IDEXX Multiscreen) ELISA	7.75	25-OH-Vitamin D3, Kidney	Ref. lab fee
Influenza A Virus – Swine – IAV-S (HI) Homologous H1 or H3	8.75	Anions	Ref. lab fee
Influenza A Virus – Swine – IAV-S Standard Cluster 4 H3N2 (HI)	7.25	Anticoagulants, Blood (Brodifacoum, Bromadiolone, Chlorophacinone, Difethialone, Diphacinone, Warfarin)	Ref. lab fee
Influenza A Virus – Swine – IAV-S Standard Delta 2 H1 (HI)	7.25	Anticoagulants, Tissue/Bait (Brodifacoum, Bromadiulene, Chlorophacinone, Difenacoum, Difethialone, Diphacinone, Warfarin)	Ref. lab fee
Influenza A Virus – Swine – IAV-S Gamma H1 Zoetis with XP-012 (HI)	7.25	Avitrol/Starlicide	Ref. lab fee
Influenza A Virus – Swine – IAV-S Delta 2 H1 Zoetis with XP-031 (HI)	7.25	Bromide	Ref. lab fee
Influenza A Virus – Swine – IAV-S Cluster 4 Zoetis H3 with XP-069 (HI)	7.25	Cholinesterase, Blood	Ref. lab fee
Influenza A Virus – Swine – IAV-S Standard Beta H1N1 (HI)	7.25	Cholinesterase, Tissue/Retina	Ref. lab fee
Influenza A Virus – Swine – IAV-7 Delta 1 Zoetis with XP-726H (H1N2) (HI)	7.25	Convulsants	Ref. lab fee
Porcine Parvovirus – PPV (HI)	6.75	Cyanide	Ref. lab fee
Porcine Respiratory Coronavirus – PRCV/ Transmissible Gastroenteritis – TGE (ELISA)	11.25	Dicoumarol	Ref. lab fee
Porcine Reproductive and Respiratory Syndrome – PRRS, U.S. and European (IFA)	6.25 each strain	DBS Chlorinated Compounds (Lindane, DDT, DDE, PCBs)	Ref. lab fee
Porcine Reproductive and Respiratory Syndrome – PRRS (ELISA) on oral fluid	8.00	Ethylene Glycol	Ref. lab fee
Porcine Reproductive and Respiratory Syndrome – PRRS (ELISA) on serum	5.75	Fat, Bone Marrow	Ref. lab fee
Pseudorabies – PRV G1 (GP1-ELISA)	5.25	GCMS General Organic Compounds Screen	Ref. lab fee
Pseudorabies – PRV GB (GB-ELISA) For Intl. Export (Replaces ELISA Screen)	5.25	GCMS, Quantification	Ref. lab fee
Pseudorabies – PRV (SN)	3.75	Glomerular Filtration Rate/Iohexol Clearance	Ref. lab fee
Salmonella (ELISA)	9.00	Ionophores, Qualitative	Ref. lab fee
Seneca Valley Virus – SVV (IFA Titer-four dilutions)	12.50	Ionophores Quantification	Ref. lab fee
Seneca Valley Virus – SVV (IFA Screen-two dilutions)	6.50	Lead, Blood	Ref. lab fee
<i>Toxoplasma gondii</i> (ELISA)	11.00	Melamine and Related Compounds	Ref. lab fee
Transmissible Gastroenteritis – TGE (ELISA) /Porcine Respiratory Coronavirus – PRCV	11.25	Mercury	Ref. lab fee
Transmissible Gastroenteritis – TGE (SN)	7.75	Methylxanthines	Ref. lab fee
Vesicular Stomatitis – VSV, New Jersey and Indiana Strains (SN)	7.75 each strain	Mycotoxins (Aflatoxins B1, B2, G1 and G2, Zearalenone, Vomitoxin)	Ref. lab fee
Other serology and Immunology		Mycotoxins, quantification (Aflatoxins, B1, B2, G1 and G2, Zearaleone, Vomitoxin)	Ref. lab fee
Centrifugation	1.25 / tube	Nitrates	Ref. lab fee
		Nitrates Quantification	Ref. lab fee
		Pesticides, Chlorinated	Ref. lab fee
		pH Determination	Ref. lab fee
		Phosphine	Ref. lab fee
		Pindone/Valone	Ref. lab fee
		Plant Identification	Ref. lab fee
		Polychlorinated Biphenyls	Ref. lab fee
		Strychnine	Ref. lab fee
		Toxic Elements - Biopsy (Copper, Iron, Lead, Selenium, Zinc)	Ref. lab fee

TEST NAMES	FEE (US\$)	TEST NAMES	FEE (US\$)
Toxic Elements - Feed/Other (Aluminum, Antimony, Arsenic, Barium, Boron, Cadmium, Calcium, Chromium, Cobalt, Copper, Iron, Lead, Magnesium, Manganese, Mercury, Molybdenum, Phosphorus, Potassium, Selenium, Sodium, Sulfur, Thallium and Zinc)	Ref. lab fee	Preliminary read of Mycoplasma	1.50
		Standard / Total Plate Count – SPC/TPC	7.25 each
Toxic Elements - Fluid (Aluminum, Antimony, Arsenic, Barium, Boron, Cadmium, Calcium, Chromium, Cobalt, Copper, Iron, Lead, Magnesium, Manganese, Mercury, Molybdenum, Phosphorus, Potassium, Selenium, Sodium, Sulfur, Thallium and Zinc)	Ref. lab fee	Towel Culture	15.75
		Water or Disinfectant Culture, Milk Related (Includes Counts on Total Gram Negative, Gram Negative Non-fermenters, Pseudomonas, and Coliforms)	20.00
Toxic Elements - Premix (Aluminum, Antimony, Arsenic, Barium, Boron, Cadmium, Calcium, Chromium, Cobalt, Copper, Iron, Lead, Magnesium, Manganese, Mercury, Molybdenum, Phosphorus, Potassium, Selenium, Sodium, Sulfur, Thallium and Zinc)	Ref. lab fee	For Individual Cow Testing	
		Mastitis Milk Culture and Susceptibility on Selected Isolates (susceptibility extra fee by case size)	6.00 for culture
Toxic Elements - Soil/Sludge (Aluminum, Antimony, Arsenic, Barium, Boron, Cadmium, Calcium, Chromium, Cobalt, Copper, Iron, Lead, Magnesium, Manganese, Mercury, Molybdenum, Phosphorus, Potassium, Selenium, Sodium, Sulfur, Thallium and Zinc)	Ref. lab fee	Prototheca Culture Only	2.75
		Staphylococcus Culture Only	2.75
Toxic Elements - Tissue (Arsenic, Cadmium, Cobalt, Copper, Iron, Lead, Manganese, Mercury, Molybdenum, Selenium, Thallium and Zinc)	Ref. lab fee	Staphylococcus and Streptococcus Culture Only	3.50
		Streptococcus Culture Only	2.75
Toxic Elements in Whole Blood (Arsenic, Cadmium, Lead, Mercury, Selenium and Thallium)	Ref. lab fee	Staph and Mycoplasma only	6.75
		Susceptibility , 1-3/4-15/16-75, call if >75	14.25/26.25/47.25
Toxic Elements in Whole Blood – Dried Blood Spots (Arsenic, Cadmium, Lead, Mercury, Selenium, and Thallium)	Ref. lab fee	VIROLOGY	
		Aquaculture Virus Inspection	204.00 per lot per cell line (60 fish)
Toxic Elements in Whole Blood – Extended (Antimony, Arsenic, Beryllium, Cadmium, Chromium, Lead, Mercury, Nickel, Selenium, Thallium, and Vanadium)	Ref. lab fee	BVD Antigen Capture ELISA (ACE) (For individual testing of ear notch samples only, see Molecular Diagnostics for BVD ear notch pooled testing.)	5.25
		Rabies Exam	26.25
UDDER HEALTH / MASTITIS		Virus Isolation (Avian - In Embryonated Eggs)	34.00 each cell line
		Virus Isolation (Fish)	26.25 each cell line
<i>Note: \$0.50 is charged for each milk sample submitted in a whirl-pac to cover sample handling. E-mail reporting, same day as results are completed Mon.-Fri.</i>		Virus Isolation (Mammalian)	34.00
		Virus Isolation (Senecca Valley Virus)	34.00
Colostrum Culture (Total Bacteria and Coliform Count)	14.00	Virus Isolation (Swine Influenza Virus)	34.00
		Virus Isolate Send Out (Preparation & Shipping)	99.25
Bedding Culture	20.75	Virus Titration (PRRS/SIV)	86.00
Environmental Monitoring	12.75	OTHER SERVICES	
Isolate Identification, Milk Related	6.00	Biological Waste Disposal only	0.25 / lb
Laboratory Pasteurization Count (LPC)Test	20.50	Insulated Shipper: New Box	12.25
Milk Bulk Tank Culture	27.50	Insulated Shipper: New Foam Inside	7.00
Milk Bulk Tank Culture and Mycoplasma Culture	32.75	Insulated Shipper: New Outer Box	5.50
Mycoplasma - Milk Culture	5.25	Shipping and Handling Charge to Other Laboratories	29.00
Mycoplasma Species Identification	31.25	Special Circumstances (some insurance or litigation cases)	charged at cost
Pre-incubation - PI	7.25 each		

Reporting and Billing Policies

The VDL offers real-time online result and billing access for veterinarians and flock managers. Please contact the VDL to request an online account.

Reporting options:

By mail - Available by request only.

By fax - For VDL clients who provide a fax number, results are faxed on the same day that the test is completed.

By phone - VDL personnel will fulfill requests for telephoning results, but please be selective in your requests. When calling for results please provide the date submitted, the owner's name and the laboratory accession number (if available).

Consultation - VDL faculty members are available to explain a disease problem or report. Please leave a voice-mail including the type of information requested, the call back number and the time(s) at which you can be reached. VDL faculty will contact you the same day your message was received.

Payment Options

Check or money order - Payable to "Regents of the University of Minnesota".

Regents of the University of Minnesota
NW 5960
PO Box 1450
Minneapolis, MN 55485-5960

Credit Card - We accept American Express, Visa, MasterCard and Discover.

Online payments can be made at www.pay.umn.edu. To pay over the phone please call: [\(612\) 625-2392](tel:612-625-2392).

Wire Transfer - We accept wire transfer for domestic and international payments.

Billing Policies

Payment is due upon receipt of the case report and corresponding invoice. Clients will receive a summary statement at the end of the month including all charges, payments, and outstanding balance as of the statement date.

Account balances are payable within 30 calendar days of receiving the statement. VDL clients are responsible for calculating the correct amount when prepaying for services. Any overpayment on account not reclaimed within 90 days will be used to support VDL research. Please call [612-625-8787](tel:612-625-8787) if you need assistance with prepayment.

For further billing information, Please call: [612-625-8787](tel:612-625-8787) or email: j-paav@umn.edu