



## Fee Schedule

The following tests and fees are provided for use **by veterinarians**. Veterinarians may request an account with the MSU VDL by calling the laboratory at 517.353.1683 or through our website, [animalhealth.msu.edu](http://animalhealth.msu.edu). Tests and fees are subject to change. **For complete information about MSU VDL tests** including specimen requirements, sample collection, and submittal procedures, **please visit our test catalog available at [animalhealth.msu.edu](http://animalhealth.msu.edu)**. Please contact us with any questions about our services.

If you are an animal owner and wish to submit specimens, please contact your local veterinarian. Fees charged by veterinarians typically reflect the time, expertise, and expense necessary to draw the sample, ship it in an appropriate manner, and provide treatment advice based on interpretation of test results. It is standard for diagnostic fees charged by veterinarians to exceed the laboratory test price.

### Disease Symptom Panels

Code	Description	Price
95506	Adult Bovine Enteric Disease Panel	123.00
95505	Adult Bovine Respiratory Disease Panel	183.00
80126	Bovine Abortion Screen, PCR	89.00
80124	Bovine Respiratory Screen PCR	170.00
80123	Bovine Viral Enteric Screen PCR	83.00
95504	Calf Enteric Disease Panel	110.00
95503	Calf Respiratory Disease Panel	197.00
80984	Canine Respiratory Disease Core Panel	140.00
80985	Canine Respiratory Disease Core Panel Plus	175.00
80130	Canine Viral Resp. Screen PCR	118.00
60993	Equine Diarrhea Panel + PHF	220.00
60994	Equine Diarrhea Panel, Adult	182.00
80989	Equine Neurologic Disease Core Panel	132.00
80131	Equine Respiratory Disease Core Panel	82.00
80987	Equine Respiratory Disease Core Panel Plus	112.00
80988	Equine Respiratory Disease Full Panel	155.00
60989	Equine Tick Core Panel	55.00
95994	Equine Wellness Panel	106.00
80100	Feline Respiratory Disease Core Panel PCR	116.00
80983	Feline Respiratory Disease Core Panel Plus	175.00
60995	Foal Diarrhea Panel	220.00
95501	Neonatal Calf Enteric Disease - Core Panel	100.00
95502	Neonatal Calf Enteric Disease - Full Panel	164.00
95500	Neonatal Calf Respiratory Disease Panel	138.00

### Bacteriology

Up to two (2) susceptibilities are included in the price of culture and susceptibility tests. Additional susceptibilities run and reported, or added on to a culture originally ordered with no susceptibility, are \$29 per susceptibility per culture.

Code	Description	Price
95998	Abortion Screen, Serum - Bovine	99.00
95997	Abortion Screen, Serum - Equine	49.00
95069	Additional Isolate PCR	40.00
95071	Additional Isolate Sequencing	60.00
95004	Anaerobic Culture	36.00

95005	Blood Culture & Susceptibility	70.00
95006	Body Fluid Culture	43.00
95007	Body Fluid Culture & Susceptibility	70.00
95051	Brucella Culture	51.00
95009	Campylobacter Culture	37.00
95996	Canine Vaccine Panel + Lepto	81.00
95010	Clostridium perfringens Culture	35.00
95025	PCR CLP	43.00
95012	Ear Culture & Susceptibility	70.00
60077	Equine Salmonella Screening Panel	72.00
95013	Fecal/Intestinal Culture	48.00
95014	Fecal/Intestinal Culture & Susceptibility	70.00
95015	Fungal Culture	40.00
95016	General Culture	43.00
95017	General Culture & Susceptibility	70.00
95018	Isolate Identification	43.00
95019	Isolate Identification & Susceptibility	70.00
95072	Johne's Direct PCR	35.00
95073	Johne's Direct PCR Pooled	40.00
95995	Lepto Urine & Serum if Positive	32.00
95052	Leptospira by PCR (Food Animal)	32.00
95053	Leptospira by PCR (Non-Food Animal)	45.00
95068	Leptospira MAT & PCR (Non-Food Animal)	67.00
95055	Leptospiral Microscopic Agglutination, Canine	30.00
95066	Leptospiral Microscopic Agglutination Expanded, Non-Food Animal	40.00
95040	Leptospiral Microscopic Agglutination, Other	21.00
95020	Listeria Culture	48.00
95043	Milk Culture	23.00
95044	Milk Culture & Susceptibility	30.00
95048	Mycobacterium Culture	93.00
95050	Mycobacterium Culture - Sterile	45.00
95057	Mycobacterium Paratuberculosis Cul. Maximum	50.00
95058	Mycobacterium Paratuberculosis Cul. Pooled Fecal	50.00

Bacteriology		
Code	Description	Price
95060	Mycobacterium Paratuberculosis Cul. Routine	42.00
95023	Mycoplasma Culture	27.00
95024	Mycoplasma/Ureaplasma Culture	45.00
95026	Reproductive Culture	43.00
95027	Reproductive Culture & Susceptibility	70.00
95028	Respiratory Culture	43.00
95029	Respiratory Culture & Susceptibility	70.00
95033	Salmonella Culture	32.00
95034	Salmonella Culture & Susceptibility	45.00
95064	Salmonella Culture, Enriched	40.00
95042	Salmonella Serotyping	42.00
60090	Streptococcus Equi PCR	45.00
95030	Tissue Culture	43.00
95031	Tissue Culture & Susceptibility	70.00
95032	Urine Culture & Susceptibility	64.00
95035	Wound Culture	43.00
95036	Wound Culture & Susceptibility	70.00
Biopsy & Immunohistochemistry		
<p>Some types of tissues (eye; bone; tooth; amputated tail, limb, jaw, toe) will incur charges in addition to the standard biopsy fee due to processing required. Additional fees are also applied to full margin evaluation studies and are dependent on the longest dimension of the submitted sample. Multiple biopsies/tissues taken at the same time from the same animal will incur a small additional fee rather than a full biopsy charge for each. Please see below and/or the test catalog available at <a href="http://animalhealth.msu.edu">animalhealth.msu.edu</a> for more information on additional fees.</p>		
Code	Description	Price
40001	Add'l H&E Slide	14.00
40016	Biopsy Consultation	60.00
40003	Biopsy, Standard	80.00
40020	Cut Slide	11.00
40004	Decalcification	30.00
40074	Diagnosis Confirmation	14.00
40066	Electron Microscopy	440.00
40015	Embed Only	11.00
40014	Embed, Cut and Stain H&E	15.00
40061	Feline Intestinal Lymphoma Panel	200.00
40017	H&E Stain	12.00
40006	Hemimandibulectomy/Hemimaxillectomy	75.00
40005	Immunohistochemistry (IHC) Stain	45.00
40100	In-Situ Hybridization	80.00
40090	Liver Biopsy Panel	180.00
40007	Margin Study <2cm	52.00
40009	Margin Study 2 to <4cm	80.00
40010	Margin Study 4 to <6cm	110.00
40011	Margin Study 6 to <8cm	145.00
40070	Margin Study 8 to <10cm	195.00
40071	Margin Study 10 to <12 cm	250.00

40072	Margin Study 12 to <14cm	300.00
40073	Margin Study >14cm	355.00
40062	Mast Cell Tumor (MCT) Prognostic Panel	230.00
40063	Melanoma Panel - Diagnostic	80.00
40064	Melanoma Panel - Prognostic	60.00
40012	Multiple Tissue/Tumor Charge	40.00
40069	Ocular Biopsy	30.00
40018	PCR Prep	5.50
40019	Special Stain	15.00
40075	Special Stain AgNOR (Silver)	65.00
40013	Toe/Hoof Biopsy	43.00
Clinical Pathology		
Code	Description	Price
10304	Albumin Fluid	25.00
10301	Albumin Serum	21.00
10431	Albumin/Globulin Ratio Serum (TP, Albumin, Globulin)	36.00
10314	Alkaline Phosphatase Fluid	25.00
10311	Alkaline Phosphatase Serum	21.00
10494	ALT Fluid	25.00
10491	ALT Serum	21.00
10324	Amylase Fluid	25.00
10321	Amylase Serum	21.00
11402	Antinuclear Antibody (ANA)	75.00
11711	Antithrombin III, Canine	50.00
11714	Antithrombin III, Feline	50.00
11704	APTT [Activated Partial Thromboplastin Time]	32.00
10484	AST Fluid	25.00
10481	AST Serum	21.00
11992	Bile Acid 2 Hour Post Prandial Only	42.00
11988	Bile Acid Fasting Only	42.00
11996	Bile Acid Profile (Fasting and 2 Hour)	62.00
11993	Bile Acid Random (Equine Only)	42.00
10351	Bilirubin Profile Serum (Total, Direct, Indirect)	36.00
10345	Bilirubin, Total Fluid	25.00
10341	Bilirubin, Total Serum	21.00
11660	Blood Parasite	45.00
10374	BUN Fluid	25.00
10371	BUN Serum	21.00
10384	Calcium (total) Fluid	25.00
10381	Calcium (total) Serum	21.00
11600	CBC with Differential	49.00
11612	CBC with Differential & Est Fibrinogen	56.00
10767	CBC, Avian/Reptile/Amphibian/Fish	60.00
11997	Chemistry Profile Liver, Small Animal	67.00
10030	Chemistry Profile, Avian Maxi	50.00
10010	Chemistry Profile, Bovine	56.00
10000	Chemistry Profile, Equine	62.00

Clinical Pathology		
Code	Description	Price
10022	Chemistry Profile, Other Large Animal	59.00
10868	Chemistry Profile, Renal	46.00
10040	Chemistry Profile, Small Animal	62.00
10897	Cholesterol Fluid	25.00
10391	Cholesterol Serum	21.00
10404	CK Fluid	25.00
10401	CK Serum	21.00
11707	Coagulation Profile Large Animal	106.00
11712	Coagulation Profile, Canine	143.00
11700	Coagulation Profile, Feline	106.00
11701	Coagulation-Mini Auto (PT, APTT)	52.00
10641	Coombs Canine	92.00
10414	Creatinine Fluid	25.00
10411	Creatinine Serum	21.00
11271	Cytology Bone Marrow	99.00
11020	Cytology CSF	102.00
11200	Cytology Other Fluid (Includes Cell Count)	83.00
11297	Cytology Other Fluid (No Cell Count)	75.00
11000	Cytology Peritoneal Fluid	83.00
11100	Cytology Pleural Fluid	83.00
11294	Cytology Slide Only	77.00
11080	Cytology Synovial Fluid	90.00
11180	Cytology Wash/BAL (No Cell Count)	75.00
10871	Electrolytes Expanded Fluid	48.00
10050	Electrolytes Expanded Serum	39.00
10150	Electrolytes Fluid	33.00
10130	Electrolytes Serum	30.00
11351	Fecal Occult Blood (Herbivore)	30.00
11706	Fibrin Degradation Products (Plasma)	51.00
11710	Fibrinogen Estimated	22.00
11708	Fibrinogen Quantitative	58.00
10642	Flow Cytometric Canine RBC IgG Assay	83.00
10021	Fractional Clearance	102.00
11415	Fructosamine Serum	47.00
10424	GGT (GGTP) Fluid	25.00
10873	GGT Creatinine Ratio Urine	47.00
10421	GGT Serum	21.00
10444	Glucose Fluid	25.00
10441	Glucose Serum	21.00
11296	ICC - CD3/CD79a Profile	110.00
11516	IgG Equine	65.00
10899	Iron Serum	21.00
10454	Magnesium Fluid	25.00
10451	Magnesium (total) Serum	21.00
11240	Nucleated Cell Count Fluid	30.00
20034	Phenobarbital post pill	40.00
10464	Phosphorus Fluid	25.00

10461	Phosphorus Serum	21.00
10885	Presurgical Profile Large Animal (CBC/ Hppt FIB, GGT, Creat)	73.00
10870	Presurgical Profile Small Animal (CBC, BUN, ALT)	67.00
11440	Protein Electrophoresis (Fluid)	106.00
11430	Protein Electrophoresis (Serum)	106.00
10865	Protein, Total Fluid	25.00
10501	Protein, Total Serum	21.00
11702	Prothrombin Time (PT)	32.00
11690	Reticulocyte (Canine)	35.00
11692	Reticulocyte (Feline)	35.00
10474	SDH (ID) Fluid	42.00
10471	SDH (ID) Serum	42.00
10869	Total Protein Creatinine Ratio Urine	52.00
10856	Triglyceride Serum	21.00
11973	Triglycerides Fluid	25.00
10514	Uric Acid Fluid	25.00
10511	Uric Acid Serum	21.00
11300	Urinalysis Complete	30.00

## Endocrinology

Code	Description	Price
20001	25-Hydroxyvitamin D	54.00
20002	Aldosterone, Baseline	33.00
20009	Aldosterone, Post	33.00
20024	Autoantibody (T3/T4)	25.00
20524	Calcitriol	60.00
20012	Canine Therapeutic Monitoring	54.00
20010	Canine Thyroid Diagnostic Profile	64.00
20218	Cortisol High dose DEX, Post	20.00
20318	Cortisol Low dose DEX, Post	20.00
20420	Cortisol post ACTH	20.00
20422	Cortisol Post DEX (Equine DEX Suppression)	20.00
20017	Cortisol, Baseline	20.00
20020	Endocrinology Interpretation	15.00
20006	Endogenous ACTH	35.00
20016	Feline Thyroid Profile (Premium)	64.00
20015	Feline Thyroid Profile (Standard)	44.00
20013	Feline Thyroid Profile + TSH (Premium)	74.00
20012	Feline Thyroid Profile + TSH (Standard)	54.00
20021	Free T4 by Dialysis	50.00
20007	Gastrin, Baseline	46.00
20032	Insulin and Glucose, Post	29.00
20031	Insulin Autoantibody	22.00
20005	Insulin Like Growth Factor-1	72.00
20026	Ionized Calcium	16.00
20030	Malignancy Profile	88.00
20015	Non-Canine Thyroid Profile (Feline and Other Species)	44.00
20014	OFA Canine Thyroid Profile	84.00

Endocrinology		
Code	Description	Price
20552	Oral Sugar Test, Equine	87.00
20033	Parathyroid Hormone and Ionized Calcium	54.00
20004	Parathyroid Hormone Related Protein	59.00
20011	Premium Canine Thyroid Profile	84.00
20016	Premium Non-canine Thyroid Profile (Feline and Other Species)	64.00
20040	Premium T3 Suppression, Post	55.00
20013	Premium Therapeutic Monitoring	74.00
20037	Progesterone	30.00
20008	Serum Insulin and Glucose, fasting	29.00
20038	Testosterone Baseline	25.00
20039	Testosterone post HCG	25.00
20022	Thyroglobulin Autoantibody	30.00
20016	Thyroid Profile Other Species (Premium)	64.00
20015	Thyroid Profile Other Species (Standard)	44.00
20023	Thyroid Stimulating Hormone	27.00
20041	Thyroid T3 Suppression, Post	29.00
20066	TRH Stimulation Test, Equine	70.00
20019	Urinary cortisol/creatinine	28.00
20035	Vitamin D Profile	72.00
Immunodiagnosics/Parasitology		
Code	Description	Price
90051	Anaplasma PCR	45.00
60033	Anaplasma phagocytophilum IFA	29.00
90006	Aspergillus AGID	18.50
90005	Avian Influenza AGID	10.00
90056	Avian Encephalomyelitis ELISA	13.00
60001	Babesia canis IFA Titer	35.00
60046	Babesia gibsoni IFA Titer	35.00
60003	Babesia sp. PCR	45.00
60061	Baermann Test for Lungworm Larvae	22.00
60041	Bartonella sp. PCR	45.00
90007	Blastomyces AGID	18.50
90008	Brucella abortus Plate Agglutination	11.00
60067	Brucella canis IFA Titer	29.00
90010	Brucella suis Plate Agglutination	11.00
60063	C. difficile ELISA	55.00
60062	C. perfringens ELISA	42.00
60991	Canine Blood Donor PCR Panel	84.00
60998	Canine Donor Super Panel	130.00
90058	Chicken Anemia ELISA	13.00
60064	Clostridium ELISA Panel	90.00
90020	Coccidioides immitis AGID	18.50
90026	Cryptococcal Antigen Latex Agglutination	23.00
60026	Cryptosporidia	19.00
90041	Eastern Equine Encephalitis PCR	45.00
60027	Ectoparasite Screen	35.00
60010	Ehrlichia & Lyme Panel	73.00

60008	Ehrlichia canis IFA	29.00
60048	Ehrlichia canis PCR	45.00
60071	Epizootic Hemorrhagic Disease Virus PCR	45.00
60070	Equine Herpesvirus-5 PCR	45.00
60035	Fecal Sedimentation	23.00
60997	Feline Donor	83.00
90021	Fungal Serology	63.00
60024	Giardia Antigen Test	35.00
60019	Heartworm Antigen Test	26.00
60078	Hemoplasma PCR, Bovine	30.00
90025	Histoplasma AGID	18.50
60040	IDEXX 4DX	40.00
90052	Infectious Bronchitis Virus ELISA	11.00
90054	Infectious Bursal Disease ELISA	11.00
90027	Johne's AGID	17.00
90039	Johne's ELISA	7.25
60075	Lawsonia PCR	45.00
60022	Leishmania IFA	34.00
60014	Lyme IFA	29.00
60059	Lyme PCR	45.00
90060	M. gallisepticum ELISA	7.00
90029	M. gallisepticum Plate Agglutination	7.00
90061	M. synoviae ELISA	7.00
90033	M. synoviae Plate Agglutination	7.00
60034	Microfilaria Differentiation	29.00
60044	Mycoplasma/haemoplasma PCR (Canine)	45.00
60030	Mycoplasma/haemoplasma PCR (Feline)	53.00
60073	Mycoplasma Haemolamae PCR (Llama/ Alpaca)	45.00
60020	Neorickettsia risticii IFA	34.00
60038	Neorickettsia risticii PCR	45.00
60017	Neospora caninum cELISA	11.00
60016	Neospora caninum IFA	29.00
60043	Neospora caninum PCR	45.00
90053	Newcastle Disease Virus ELISA-Chicken	11.00
60029	Parasite Identification	42.00
90044	Porcine Circovirus Type 1 PCR	45.00
90043	Porcine Circovirus Type 2 PCR	45.00
60011	Qualitative Fecal	19.00
60012	Quantitative Fecal	23.00
90055	Reovirus ELISA	11.00
60021	Rickettsia rickettsii IFA	29.00
60060	Rickettsia rickettsii PCR	45.00
90001	Salmonella pullorum Tube Agglutination	13.00
60004	Sarcocystis neurona IFA	56.00
60002	Sarcocystis neurona PCR	45.00
90045	SARS-CoV-2 (COVID-19) PCR	53.00
60013	Tick Borne Disease Antibody Screen	88.00
60066	Tick Identification	13.00
60065	Tick PCR	72.00

Immunodiagnosics/Parasitology		
Code	Description	Price
60037	Toxoplasma gondii IFA IgG & IgM	54.00
60031	Toxoplasma gondii IgG IFA	29.00
60032	Toxoplasma gondii IgM IFA	29.00
60042	Toxoplasma gondii PCR	45.00
60072	Tritrichomonas foetus PCR	45.00
90042	West Nile Virus PCR	45.00
Molecular Pathology		
Code	Description	Price
80215	B-cell Clonality PCR	175.00
80367	Bovine beta-mannosidosis PCR	60.00
80326	Centronuclear myopathy PCR	60.00
80354	CKCSID PCR	60.00
80243	c-Kit PCR Canine Combo (Exon 8 & 11)	143.00
80223	c-Kit PCR Exon 8 Canine	84.00
80213	c-Kit PCR Exon 11 Canine	84.00
80233	c-Kit PCR Exon 8 Feline	104.00
80343	Dermatofibrosis and Renal Tumor PCR	60.00
80327	Dystrophic epidermolysis bullosa PCR	60.00
80355	Epidermolytic Hyperkeratosis PCR	60.00
80356	Episodic Falling Syndrome PCR	60.00
80345	Exercise-Induced Collapse PCR	60.00
80349	Factor 7 deficiency PCR	60.00
80328	Feline Pyruvate Kinase Deficiency PCR	60.00
80350	Hereditary cataracts PCR	60.00
80329	Hypertrophic cardiomyopathy Maine Coon PCR	60.00
80330	Hypertrophic cardiomyopathy Ragdoll PCR	60.00
80331	Hyperuricosuria PCR	60.00
80332	Ichthyosis PCR	60.00
80344	Junctional Epidermolysis Bullosa PCR	60.00
80333	Late onset ataxia PCR	60.00
80357	Malignant Hyperthermia PCR	60.00
80318	MDR-1 Mutation PCR	60.00
80358	Musladin-Lueke Syndrome PCR	60.00
80360	Narcolepsy in Doberman Pincher PCR	60.00
80359	Narcolepsy in Labrador Retrievers PCR	60.00
80348	Neonatal Encephalopathy with Seizures PCR	60.00
80334	Neuronal ceroid lipofuscinosis PCR	60.00
80346	Obesity PCR	60.00
80141	Papillomavirus PCR, E1 and L1 Genes	87.00
80347	Persistent Mullerian Duct Syndrome PCR	60.00
80335	Pituitary Dwarfism PCR	60.00
80336	Polycystic Kidney Disease PCR	60.00
80337	Primary Lens Luxation PCR	60.00
40092	Prognostic Molecular Mammary Tumor Panel	450.00
80338	Progressive Retinal Atrophy Golden Retriever PCR	60.00

80339	Progressive Retinal Atrophy PRCD PCR	60.00
80351	PTPN11 mutation PCR	60.00
80361	Shar Pei Autoinflammatory Disease PCR	60.00
80342	Skeletal Dysplasia PCR	60.00
80321	SOD-1A Mutation PCR	60.00
80320	SOD-1B Mutation PCR	60.00
80341	Spinal muscular atrophy PCR	60.00
80340	Spinocerebellar Ataxia PCR	60.00
80214	T-cell Clonality PCR	110.00
80366	Tibetan Genetic Panel PCR	250.00
80363	Tibetan Neuronal Ceroid Lipofuscinosis PCR	60.00
80364	Tibetan Progressive retinal atrophy 3 PCR	60.00
80365	Tibetan Progressive retinal atrophy RCD4 PCR	60.00
80362	Transmissible Venereal Tumor PCR	60.00
40091	Tyrosine Kinase and Tyrosine Kinase Receptor Panel	390.00
80315	Von Willebrand's Disease Type 1-B PCR	60.00
80319	Von Willebrand's Disease Type 2 PCR	60.00
80316	Von Willebrand's Disease Type 3-A PCR	60.00
80317	Von Willebrand's Disease Type 3-B PCR	60.00

### Necropsy & Cremation Services

Private cremation services are available.  
Contact us at 517.353.1683 for details.

Code	Description	Price
99200	After Hours Necropsy Handling Fee	265.00
30027	Amputated Limb, Gross/Microscopic Exam	190.00
99003	Cremains Return Handling Fee	50.00
99015	Communal Cremation - Companion/Other	100.00
99215	Communal Cremation - Equine	340.00
99315	Communal Cremation - Food Animal	80.00
30025	Field Necropsy - Bovine	215.00
30024	Field Necropsy - Equine	215.00
30026	Field Necropsy - Other	215.00
30001	Full Necropsy Companion Animal	335.00
30002	Full Necropsy Equine	410.00
30003	Full Necropsy Farm Animal	215.00
30004	Full Necropsy Other Species	225.00
30007	Gross Necropsy Farm Animal	110.00
30008	Gross Necropsy Other Species	120.00
30021	Necropsy Abortion - Bovine	305.00
30020	Necropsy Abortion - Equine	450.00
30022	Necropsy Abortion - Other	360.00
30010	Spinal Cord Removal	210.00

Nutrition		
Code	Description	Price
50218	Ash, Bone	65.00
50244	Beta Hydroxybutyrate	22.00
70053	Copper	33.00
50702	Electrolyte & Primary Trace Nutrient Panel	85.00
95993	Equine Wellness Panel Add-on	100.00
50247	Iodine Inorganic, Serum	33.00
50246	Iodine Total, Serum	33.00
50249	Iodine, Feed	50.00
50251	Iodine, Milk	33.00
50248	Iodine, Tissue	60.00
50245	Metabolic Profile	49.00
50255	Minerals, Fixed Tissue	60.00
50254	Minerals, Tissue	60.00
50998	NEFA Plus BHB	44.00
50243	Non-Esterified Fatty Acids	23.00
50701	Primary Trace Nutrient Panel	55.00
50700	Selenium & Copper Panel	40.00
50201	Selenium, Feed	50.00
50203	Selenium, Serum	33.00
50204	Selenium, Whole Blood	33.00
50206	Vitamin A, Feed	144.00
50209	Vitamin A, Other	144.00
50208	Vitamin A, Serum	35.00
50207	Vitamin A, Tissue	44.00
50256	Vitamin E, CSF	35.00
50210	Vitamin E, Feed	144.00
50213	Vitamin E, Other	144.00
50212	Vitamin E, Serum	35.00
50211	Vitamin E, Tissue	44.00
50229	Vitamin Profile, Serum	70.00
Toxicology		
Code	Description	Price
70066	Anticoagulants, Blood	115.00
70015	Anticoagulants, Tissue/Bait	125.00
70070	Arsenic Urine	35.00
50216	Beta Carotene, Feed	144.00
50215	Beta Carotene, Other	144.00
70071	Bone Mineral Panel	95.00
70220	Bromethalin	115.00
70001	Bromide	50.00
70021	Convulsants	115.00
70023	Ethylene Glycol	75.00
70024	Fat, Bone Marrow	125.00
70006	GCMS General Organic Compounds Screen	200.00
70055	GCMS, Quantification	200.00
70029	Glomerular Filtration Rate/Iohexol Clearance	125.00

70057	Keppra (levetiracetam)	48.00
70019	Lead, Blood	40.00
70072	Macro Elements - Feed/Other	53.00
50255	Minerals, Fixed Tissue	60.00
50254	Minerals, Tissue	60.00
70059	Minerals - Water	75.00
70039	Nitrates	23.00
70038	Nitrates Quantification	50.00
70020	Pesticides, Chlorinated	275.00
70042	pH Determination	16.00
70063	Phosphine	85.00
70045	Polychlorinated Biphenyls	275.00
70069	Sodium Brain	60.00
70052	Strychnine	75.00
70200	Toxic Elements - DBS	68.00
70074	Toxic Elements - Feed/Other	55.00
70025	Toxic Elements - Fluid	75.00
70051	Toxic Elements - Soil/Sludge	75.00
70200	Toxic Elements in Whole Blood	68.00
70073	Trace Elements - Feed/Other	55.00
70060	Zinc	33.00
70056	Zonisamide	48.00
Virology		
Code	Description	Price
80302	AIV H5 PCR	18.00
80303	AIV H7 PCR	18.00
80107	Avian Influenza Virus PCR	47.00
80369	Avian Metapneumovirus PCR	85.00
80040	Bovine Coronavirus PCR	47.00
80201	Bovine Leukemia Virus ELISA	8.50
80129	Bovine Parainfluenza-3 Virus PCR	47.00
80124	Bovine Respiratory Screen PCR	170.00
80205	Bovine Respiratory Syncytial Virus PCR	47.00
80208	Bovine Rotavirus PCR	47.00
80007	Bovine Viral Diarrhea PCR	47.00
80991	Bovine Viral Diarrhea PCR - Ear	4.10
80009	Bovine Viral Diarrhea Type 1 VN	19.00
80008	Bovine Viral Diarrhea Type 2 VN	19.00
80041	Canine Adenovirus PCR	47.00
80047	Canine Adenovirus-2 VN	19.00
80323	Canine Circovirus PCR	47.00
80105	Canine Enteric Coronavirus PCR	47.00
80049	Canine Distemper Virus PCR	47.00
80050	Canine Distemper Virus VN	19.00
80015	Canine Herpesvirus PCR	47.00
80138	Canine Influenza Virus PCR	47.00
80039	Canine Parainfluenza-2 Virus PCR	47.00
80054	Canine Parvovirus HI	22.00
80104	Canine Parvovirus PCR	47.00

Virology		
Code	Description	Price
80101	Canine Vaccine Antibody Panel	54.00
80135	Caprine Arthritis Encephalitis Virus ELISA	11.00
80044	Caprine Arthritis Encephalitis Virus PCR	47.00
80010	Chlamydomphila PCR	47.00
80300	Classical Swine Fever PCR	50.00
80324	Duck Hepatitis Virus Type-1	47.00
80018	Equine Arteritis Virus PCR	47.00
80020	Equine Coronavirus PCR	47.00
80056	Equine Herpesvirus-1 PCR	47.00
80059	Equine Herpesvirus-1 VN	19.00
80256	Equine Herpesvirus-4 PCR	47.00
80112	Equine Infectious Anemia ELISA	12.00
80062	Equine Influenza Virus PCR	47.00
80022	Equine Rotavirus PCR	47.00
80301	Exotic Newcastle Disease Virus PCR	18.00
80064	Feline Calicivirus PCR	47.00
80066	Feline Calicivirus VN	19.00
80067	Feline Coronavirus PCR	47.00
80028	Feline Herpesvirus PCR	47.00
80031	Feline Herpesvirus VN	19.00
80137	Feline Leukemia Virus/Feline Immunodeficiency Virus ELISA	43.00
80027	Feline Leukemia Virus PCR	47.00
80035	Feline Panleukopenia HI	22.00
80033	Feline Panleukopenia PCR	47.00
80102	Feline Vaccine Screen	54.00
80024	Ferret Aleutian Disease PCR	47.00
80140	Ferret Coronavirus PCR Genotype 1 and Genotype 2	76.00
80036	Ferret Rotavirus A PCR	47.00
80071	Infectious Bovine Rhinotracheitis PCR	47.00
80073	Infectious Bovine Rhinotracheitis VN	19.00
80076	Infectious Laryngotracheitis PCR	47.00
80114	Malignant Catarrhal Fever PCR	47.00
80078	Newcastle Disease Virus PCR	47.00
80325	Porcine Deltacoronavirus	47.00
80322	Porcine Epidemic Diarrhea Virus	47.00
80090	Porcine Respiratory & Reproductive Syndrome PCR	47.00
80087	Porcine Rotavirus PCR	47.00
80096	Swine Influenza Virus PCR	47.00
80110	Transmissible Gastroenteritis PCR	47.00

## We make submitting samples convenient and efficient.

The MSU VDL offers a wide variety of shipping options to meet the needs of every veterinary practitioner. We receive deliveries from the U.S. Postal Service as well as commercial carriers including UPS and Federal Express.

**We offer complete shipping solutions** that include either **prepaid UPS overnight** shipping or **U.S. Mail prepaid** delivery.

We can also provide copies of this fee schedule and submittal forms preprinted with your clinic information, free of charge.

### Shipping Solutions & Other Supplies

Code	Description	Price
99604	Dried Blood Spot Kit	26.00
99028	Endo Normals	Free
99041	FedEx Billable Stamp - Stamp ONLY	17.00
99033	Fee Schedule	Free
99031	Form - Clin Path	Free
99025	Form - CTR	Free
99030	Form - Endo	Free
99035	Form - General	Free
99125	Form - Necropsy/Biopsy	Free
99021	Mailer - 12 Box UPS Prepaid	125.00
99121	Mailer - 12 Box U.S. Mail Prepaid	90.00
99022	Mailer - 24 Box UPS Prepaid	250.00
99122	Mailer - 24 Box U.S. Mail Prepaid	175.00
99221	Mailer - 3 Insulated w/UPS Return Delivery	80.00
99020	Mailer - 6 Box UPS Prepaid	75.00
99120	Mailer - 6 Box U.S. Mail Prepaid	48.00
99222	Mailer - 6 Insulated w/UPS Return Delivery	155.00
99603	Mailer - Bacti Enteric	32.00
99114	Mailer - Biopsy Large w/UPS	30.00
99124	Mailer - Biopsy Small w/UPS	19.00
99004	Mailer - Biopsy Small w/U.S. Mail	14.00
99220	Mailer - Insulated w/UPS Return Delivery	30.00
99224	UPS Billable Stamp - Stamp ONLY	17.00
99042	UPS Saturday Delivery - Stamp ONLY	34.00
99012	Tubes - Set of 5 Royal Blue	25.00



## MSU VDL Policies

Effective September 1, 2024, the MSU VDL does not accept samples directly from pet or horse owners. **For test requests involving companion animals, exotics, pocket pets, and horses, samples must be submitted by a veterinarian** with the following exceptions: genetic testing, cremation services, and referral for rabies testing. **For livestock and other production animals**, submission through a veterinarian is strongly encouraged, but not required. The MSU VDL's expert diagnosticians provide results to, and consult with, clinical veterinarians regarding submissions. Referring veterinarians are best positioned to interpret diagnostic results based on history, clinical examination, and veterinarian-client-patient relationship and use those results to provide guidance on herd health management, treatment of disease, medical therapies, and clinical care.

Fees are subject to change without notice. Please refer to our website ([animalhealth.msu.edu](http://animalhealth.msu.edu)) for a complete list of services and current prices.

All current charges are due within 28 days of the print date on the statement unless otherwise noted. Accounts not paid within the stated time period are subject to penalty. These penalties include: denial or cancellation of future services; placement with a collection firm which includes an additional processing fee. Please be assured that we will make every effort to work with clients to resolve billing payment issues. Please contact our Business Office at 517.353.3045.

Additional charges may be necessary for analysis of non-standard samples. Under these conditions, analyses will be initiated only after consultation with the client and with the client's consent.

A handling fee will be assessed for shipping specimens to referral laboratories (in addition to the test cost) or for returning specimens to clients.

All samples and specimens submitted become the property of the MSU VDL and will not be returned unless specific arrangements are made and approved in advance by MSU VDL management.

Samples, specimens, and related test and diagnostic results may be used for teaching and research purposes. Test and diagnostic results will be shared with appropriate state or federal agencies as required by law.

In the interest of privacy and continuity of care, results will be shared only with the client of record (the clinic or person paying the bill).

The MSU VDL reserves the right to subcontract any work required to complete testing of any and all submissions. Any subcontracted work will be indicated as such on the laboratory report.

Special projects/consultations can be arranged with faculty members for a prearranged fee. Contact the lab at 517.353.1683.

To encourage collection and submission of an adequate number of samples for diagnosis, selected tests are available at reduced rates when samples are submitted as a group from one herd or flock. Price breaks occur between 10 and 11 animals, 25 and 26 animals, and more than 100 animals. Visit our website for additional information or contact the lab directly.

The sender is responsible for postage and/or special delivery charges on packages sent to the MSU VDL. Adherence to mailing regulations is the sender's responsibility.

**Please remember that our current policies, test catalog, fees, and more information is available online at [animalhealth.msu.edu](http://animalhealth.msu.edu):**

- Specimen requirements, collection protocol, submittal requirements and current prices for every test performed in our test catalog
- Access to results
- Online payment option
- Information about laboratory sections and services offered
- Laboratory contact information and hours
- News and announcements