

MS Veterinary Research & Diagnostic Laboratory
Effective 9/1/16

<u>TEST CODE DESCRIPTION</u>	<u>TEST CODE</u>	<u>FEE & DISCOUNT</u>
Miscellaneous Fees		
Biohazard Charge	6807	15.00 / EA
EIA Fax and Email Fee	7999	2.00 / EA
CLINICAL PATHOLOGY		
Albumin	28	7.00 / EA
Alkaline Phosphatase	26	7.00 / EA
ALT	21	7.00 / EA
Amylase	29	10.00 / EA
AST (SGOT)	22	7.00 / EA
Avian Chemistry Panel	3375	20.00 / EA
includes: ALK, AST, Albumin, CK, Ca, Na, K, Cl, P, Cholesterol, Glucose, Total Protein		
Baerman	74	12.00 / EA
Bilirubin, Total	30	7.00 / EA
Blood Parasite Exam	3	8.00 / EA
Bovine General Panel (see Panels)		
Buffy Coat Smear	1	22.00 / EA
BUN	24	7.00 / EA
Calcium	32	7.00 / EA
Canine Coombs Test	4	40.00 / EA
Canine General Panel (see Panels)		
CBC	2	25.00 / EA
Chloride (Cl)	40	7.00 / EA
Cholesterol	33	7.00 / EA
Cite Foal, IGG	89	22.00 / EA
Coughing Dog Panel (see Panels)		
Creatinine	35	7.00 / EA
Creatinine kinase (CK)	34	7.00 / EA
Cytology (aspirates and washes)	5055	32.00 / EA
Cytology (blood smear path review)	5070	20.00 / EA
Cytology (bone marrow aspirate)	5030	50.00 / EA
Cytology (body fluids: pleural, abdominal, synovial, CSF)	5010	37.00 / EA
Electrolyte Profile includes: Na, K, Cl	47	14.00 / EA
Fecal Direct Smear	75	6.00 / EA
Fecal Flotation	78	12.00 / EA

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Fecal Flotation (EPG)	82	17.00 / EA
Fibrinogen	73	7.00 / EA
GGT	36	7.00 / EA
Glucose	37	7.00 / EA
Hemaglobin	144	4.00 / EA
Large Animal Chem Panel	136	30.00 / EA
includes: Glucose, BUN, Creatinine, Na, K, Cl, Ca, P, Total Protein, Albumin, ALP, GGT, AST, Bilirubin, CK, Mg		
Large Animal Liver Panel	148	20.00 / EA
includes: Glucose, BUN, AST, ALP, GGT, Total Protein, Albumin, Total Bilirubin		
Magnesium	17	7.00 / EA
Nitrate	122	4.00 / EA
PCV (HCT)	8	4.00 / EA
Phenobarbital	117	50.00 / EA
Phosphorus	18	7.00 / EA
Platelet Count	13	7.00 / EA
Potassium (K)	39	7.00 / EA
Pro-Health Panel	141	30.00 / EA
includes: AST, ALT, ALK, CBC, Diff, Bilirubin		
Protein, Total	19	7.00 / EA
RBC	146	4.00 / EA
Reticulocyte Count	7	12.00 / EA
Sick Cat Panel (see Panels)		
Small Animal Chem Panel	137	30.00 / EA
includes: Glucose, BUN, Creatinine, Na, K, Cl, Ca, P, Total Protein, Albumin, ALP, ALT, GGT, AST, Bilirubin, Cholesterol		
Small Animal Liver Panel	147	20.00 / EA
includes: Glucose, BUN, ALT, ALP, Total Protein, Albumin, Total Bilirubin, Cholesterol		
Sodium (NA)	38	7.00 / EA
Surgery Panel	139	35.00 / EA
includes: CBC, Total Protein, BUN, ALT, ALP, Glucose, Creatinine		
Total T4	118	35.00 / EA
Urinalysis	84	15.00 / EA
Urine Protein/Creatinine Ratio	103	20.00 / EA
Urine Total Protein	106	10.00 / EA
WBC	112	4.00 / EA
WBC with Differential	113	8.00 / EA

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PATHOLOGY		
Additional Slide fee	6247	5.00 / EA
Weekend/Holiday Necropsy Fee (added to necropsy charge)	6050	100.00 / EA
Biopsy (one site and pre-fixed) Multiple skin punch biopsies for dermatologic condition are counted as a single site. Multiple abnormal nodes sampled are counted as a single site.	6200	55.00 / EA
Biopsy (each additional site)	6201	20.00 / EA
Brain removal for Rabies (plus disposal fees)	6049	10.00 / EA
Disposal of Small Animal Waste (companion animals, small ruminants, foals/calves ≤ 3mos old)	6809	35.00 / ANIMAL
Disposal of Livestock Animal Waste (horses/cattle > 3mos old)	6802	75.00 / ANIMAL
Disposal of Medical Waste – Non-Animal	6850	2.00 / LB
Disposal pick-up fee	6805	7.00 / EA
Gross exam and process (added to Biopsy) (unfixed organs/limbs)	6205	20.00 / EA
Mail-in Necropsy (with PCR) (fixed and unfixed tissues from field necropsy - includes ALL in-house tests)	6208	120.00 / EA
Mail-in Necropsy (without PCR) (fixed and unfixed tissues from field necropsy - includes ALL in-house tests except PCR)	6207	65.00 / EA
Necropsy of Companion animal and Foals ≤ 3mos old	6021	75.00 / EA
Necropsy (Ovine for Scrapies)	6020	50.00 / EA
Necropsy of Calves ≤3 mos of age, Other food animals, and Small Exotics	6016	50.00 / EA
Necropsy of Cattle >3 mos of age and Large Exotics	6017	65.00 / EA
Necropsy of Horses >3 mos of age	6018	90.00 / EA
Necropsy - Legal, Forensic, Insured (small/companion)	6022	150.00 / EA
Necropsy - Legal, Forensic, Insured (equine/bovine)	6023	225.00 / EA
Necropsy in a Jar	6206	65.00 / EA
Recuts	6241	6.00 / SL
Research H&E	6230	10.00 / EA
Special Stain Charge	6243	7.00 / SL

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MICROBIOLOGY		
Acid Fast Stain	1275	12.00 / EA
Aerobic C&S	1207	22.00 / EA
		18.00 EA after sample #1
Anaerobic Culture	1239	22.00 / EA
Aerobic Blood Culture	1242	22.00 / EA
Anaerobic Blood Culture	1243	18.00 / EA
Bovine Respiratory Disease Panel (see Panels)		
<i>Campylobacter</i> Culture	1257	12.00 / EA
<i>Clostridium chauvei</i> FA	1276	15.00 / EA
<i>Clostridium novyi</i> FA	1278	15.00 / EA
<i>Clostridium septicum</i> FA	1279	15.00 / EA
<i>Clostridium sordellei</i> FA	1277	15.00 / EA
Dermatophyte Culture	1300	20.00 / EA
Fecal Culture	1254	22.00 / EA
Fungal Culture	1310	30.00 / EA
Gram Stain	1270	5.00 / EA
India Ink Prep	1350	5.00 / EA
Bovine Lepto Screen	1362	36.00 / EA add \$6 ea titer
Canine Lepto Screen	1364	30.00 / EA add \$6 ea titer
Equine Lepto Screen	1363	30.00 / EA add \$6 ea titer
Feline Lepto Screen	1365	24.00 / EA add \$6 ea titer
Ovine Lepto Screen	1366	18.00 / EA add \$6 ea titer
Wildlife Research Lepto Screen	1361	15.00 / EA
Lepto Single Serovar Screen	1368	12.00 / EA
Lepto Single Serovar Titer	1369	12.00 / EA add to screen
Milk Culture	1246	10.00 / EA
Milk Sensitivity	1247	8.00 / EA
Milk Bulk Tank Culture	1248	30.00 / EA
<i>Mycoplasma</i> Culture	1256	12.00 / EA
<i>Salmonella</i> Culture	1253	22.00 / EA
<i>Trichomonas</i> Culture	1252	10.00 / EA
<i>Trichomonas</i> Pouch	1283	6.50 / EA
Urine Culture	1210	22.00 / EA
		18.00 EA after sample #1

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<u>TEST CODE DESCRIPTION</u>	<u>TEST CODE</u>	<u>FEE & DISCOUNT</u>
SEROLOGY		
Anaplasma ELISA	7218	10.50 / EA
Blastomyces & Histoplasma AGID	7002	28.00 / EA
Blastomyces AGID	7000	15.00 / EA
Bluetongue ELISA	7200	8.00 / EA
Bovine General Panel (see Panels)		
Bovine Leukemia ELISA	7201	8.00 / EA
Bovine Rhinotracheitis (IBR) SN	7301	8.00 / EA
IBR & BVD SN	7300	10.00 / EA
Bovine Viral Diarrhea Virus ELISA	7216	7.00 / EA
		6.00 / EA after sample #9
Bovine Viral Diarrhea Virus ELISA Herd	7217	3.50 / EA
Bovine Viral Diarrhea Virus ELISA Herd State Vet	7220	2.00 / EA
Bovine Viral Diarrhea Virus SN	7302	8.00 / EA
<i>Brucella canis</i> RSAT	7100	20.00 / EA
<i>Brucella canis</i> Screen IFA	7421	20.00 / EA
<i>Brucella canis</i> Titer IFA	7422	25.00 / EA
Canine Coronavirus IFA	7416	23.00 / EA
Canine Distemper Virus IFA	7400	30.00 / EA
Canine General Panel (see Panels)		
Canine Herpesvirus IFA	7418	20.00 / EA
Canine Parvovirus Panel	7901	28.00 / EA
includes: Canine Parvovirus IFA and Canine Parvovirus ELISA		
Canine Parvovirus ELISA	7202	15.00 / EA
Canine Parvovirus IFA	7401	30.00 / EA
CDV/CPV Vaccine Titer ELISA	7221	20.00 / EA
Coughing Dog Panel (see Panels)		
<i>Ehrlichia canis</i> Screen @1:64	7402	15.00 / EA
<i>Ehrlichia canis</i> Titer	7403	23.00 / EA
EEE Virus IgM ELISA	7219	Call before sending
EIA AGID	7003	5.00 / EA
EIA Inspector retest	7005	4.00 / EA
EIA - Sale Barn	7004	4.00 / EA
Equine Rhinopneumonitis SN	7303	15.00 / EA

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<u>TEST CODE DESCRIPTION</u>	<u>TEST CODE</u>	<u>FEE & DISCOUNT</u>
Feline Calicivirus IFA	7404	15.00 / EA
Feline Coronavirus ELISA	7204	22.00 / EA
Feline Coronavirus Screen IFA	7420	18.00 / EA
Feline Coronavirus Titer	7405	25.00 / EA
FIV Antibody ELISA	7206	17.00 / EA
Feline Leukemia ELISA	7205	15.00 / EA
Feline Leukemia Virus smear IFA	7423	20.00 / EA
Feline Panleukopenia IFA	7413	23.00 / EA
Feline Viral Rhinotracheitis IFA	7406	15.00 / EA
Feline Viral Rhinotracheitis Titer	7419	23.00 / EA
Feline Virus Panel	7902	25.00 / EA
includes: Feline Leukemia ELISA and FIV Antibody ELISA		
Heartworm ELISA	7207	15.00 / EA
Histoplasma AGID	7001	15.00 / EA
Johne's ELISA	7208	8.00 / EA
		6.00 / EA after sample #50
Lyme Disease Screen @1:64	7407	15.00 / EA
Lyme Disease Titer	7408	23.00 / EA
<i>Neospora caninum</i> Screen @1:200	7409	20.00 / EA
<i>Neospora caninum</i> Screen @1:50	7410	20.00 / EA
<i>Neospora caninum</i> ELISA	7211	6.00 / EA
<i>Neospora</i> Titer	7417	23.00 / EA
Rocky Mountain Spotted Fever Screen @1:64	7411	15.00 / EA
Rocky Mountain Spotted Fever Titer	7412	23.00 / EA
Sick Cat Panel (see Panels)		
Tick Disease Panel	7903	37.00 / EA
includes: E. canis IFA, Lyme IFA, RMSF IFA		
Toxoplasmosis Screen @1:64	7414	17.00 / EA
Toxoplasmosis Titer	7415	25.00 / EA
West Nile Virus ELISA	7213	20.00 / EA

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<u>TEST CODE DESCRIPTION</u>	<u>TEST CODE</u>	<u>FEE & DISCOUNT</u>
MOLECULAR		
16s rDNA PCR	9333	40.00 / EA
Bluetongue PCR	9311	35.00 / EA
Bovine Herpesvirus PCR	9300	35.00 / EA
Bovine Respiratory Syncytial Virus (BRSV) PCR	9313	35.00 / EA
Bovine Viral Diarrhea (BVD) PCR	9319	35.00 / EA
Bovine Viral Diarrhea Pool Screen PCR	9301	40.00 / EA
Canine Distemper PCR	9312	35.00 / EA
Canine Influenza RT-PCR	9345	35.00 / EA
Canine Parvovirus PCR	9335	35.00 / EA
Classical Swine Fever PCR	9314	35.00 / EA
Epizootic Hemorrhagic Disease Virus (EHDV) PCR	9316	35.00 / EA
Equine Herpesvirus-1 RT-PCR	9342	35.00 / EA
Equine Influenza RT-PCR	9350	35.00 / EA
Feline Influenza RT-PCR	9351	35.00 / EA
Feral Swine Influenza A PCR	9344	35.00 / EA
Foot & Mouth Disease PCR	9315	35.00 / EA
Johne's DNA Probe	9310	35.00 / EA
<i>Leptospira</i> PCR	9304	35.00 / EA
<i>Mycoplasma bovis</i> RT-PCR	9348	35.00 / EA
<i>Mycoplasma haemofelis</i> PCR	9352	35.00 / EA
Nasal Swab Collection Pack	9334	3.00 / EA
<i>Neospora caninum</i> PCR	9353	35.00 / EA
Parainfluenza-3 Virus (PI3) PCR	9320	35.00 / EA
Rotavirus & Coronavirus PCR (bovine/equine)	9349	35.00 / EA
Salmonella PCR	9305	35.00 / EA
Swine Influenza Virus PCR	9331	40.00 / EA
Trichomonas PCR	9329	35.00 / EA
		30.00 EA after sample #10
<i>Trichomonas</i> Pooled RT-PCR (batches of 5)	9341	50.00 / EA
<i>Trichomonas</i> Pooled RT-PCR (less than 5 samples)	9347	30.00 / EA then 5.00 / EA after sample #1
Viral genotyping	9337	60.00 / EA
West Nile Virus PCR	9306	35.00 / EA

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VIROLOGY		
Bluetongue FA	9027	20.00 / EA
Bovine Adenovirus Type 1 FA	9025	20.00 / EA
Bovine Adenovirus Type 5 FA	9026	20.00 / EA
Bovine Coronavirus FA	9000	20.00 / EA
Bovine Herpesvirus (IBR) FA	9001	20.00 / EA
Bovine Respiratory Syncytial Virus (BRSV) FA	9002	20.00 / EA
Bovine Viral Diarrhea Virus (BVD) FA	9005	20.00 / EA
Canine Adenovirus FA	9020	20.00 / EA
Canine Coronavirus FA	9019	20.00 / EA
Canine Distemper blood smear FA	9009	20.00 / EA
Canine Distemper conjugate smear FA	9006	20.00 / EA
Canine Distemper Virus (CDV) FA	9007	20.00 / EA
Canine Herpesvirus FA	9008	20.00 / EA
Canine Parainfluenza FA	9021	20.00 / EA
Canine Parvovirus (CPV) FA	9018	20.00 / EA
Crypto/Giardia FA	9017	20.00 / EA
EM Viral Identification	9108	40.00 / EA
Equine Herpesvirus (ER) FA	9003	20.00 / EA
Feline Infectious Peritonitis FA	9022	20.00 / EA
Feline Panleukopenia FA	9010	20.00 / EA
Feline Viral Rhinotracheitis (FVR) FA	9011	20.00 / EA
Parainfluenza Type 3 FA	9014	20.00 / EA
Virus Isolation	9100	30.00 / EA
PANELS		
Bovine Abortion Panel	9707	50.00 / EA
includes: Bovine Lepto Screen, IBR and BVD VN, Bluetongue ELISA, and <i>Neospora caninum</i> ELISA		
Bovine General Panel	9703	50.00 / EA
includes: CBC, Diff, Creatinine, Ca, Total Protein, ALP, GGT, Mg, IBR and BVD SN, Bluetongue ELISA, BLV ELISA, and Anaplasma ELISA		
Bovine Respiratory Disease Panel	9700	120.00 / EA
includes Aerobic Culture, <i>Mycoplasma bovis</i> PCR, BHV PCR, BRSV PCR, BVD PCR, and PI3 PCR		
Canine Diarrhea Panel	9708	100.00 / EA
includes Fecal Culture (aerobic and anaerobic), Fecal Flotation, Giardia/Crypto IFA, and Canine Parvovirus PCR		

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Canine Distemper Panel includes: Canine Distemper Virus IFA, Canine Distemper Virus conjugate smear FA, and Canine Distemper blood smear FA	9705	40.00 / EA
Canine General Panel includes: CBC, Diff, Total Protein, BUN, ALT, ALK, Glucose, Creatinine, and Heartworm	9704	45.00 / EA
Coughing Dog Panel includes: CBC, Diff, Heartworm, and Blastomyces AGID	9701	68.00 / EA
Feline Diarrhea Panel includes Fecal Culture (aerobic and anaerobic), Fecal Flotation, Giardia/Crypto IFA, and Tritrichomonas PCR	9709	100.00 / EA
Sick Cat Panel includes: CBC, Diff, Total Protein, BUN, ALT, ALK, Glucose, Creatinine, Blood Parasite, Feline Leukemia ELISA, and FIV Antibody ELISA	9702	50.00 / EA

**REFERRED TEST Please call for updated referral test prices.
Prices subject to change without notice. There will be a \$20 shipping and handling charge on all referrals.**

CWD IHC	12098	40.00 / EA
<i>Equine babesia</i>	12163	23.00 / EA
EPM	12089	66.00 / EA
Free T4 by Equilibrium Dialysis	12049	39.00 / EA
Urine Creatinine/Cortisol Ratio	12035	23.00 / EA
Rabies testing (plus brain removal and disposal fees if applicable)	12097	0.00 / EA
Stone analysis	12090	0.00 / EA
Other referrals		Call for pricing

**MSU College of Veterinary Medicine Referrals
There will be no shipping and handling charge for these samples.
These samples will be resultd and billed from CVM.**

Canine Thyroid Panel (Total T4, Free T4, and TSH)	40.00 / EA
Cortisol, Low-dose dexamethasone suppression (LDDST)	40.00 / EA
Cortisol, High-dose dexamethasone suppression (HDDST)	40.00 / EA
Cortisol, ACTH Stimulation	30.00 / EA
Cortisol, baseline	20.00 / EA
Bile Acids	20.00 / EA
Bile Acids, Pre and Post	30.00 / EA
Progesterone	35.00 / EA