

# MSU-CVM Diagnostic Lab Services Fee List

## EFFECTIVE JULY 1, 2011

BILLING DESCRIPTION	CODE	FEE
<b>CLINICAL PATHOLOGY</b>		
<i>SPECIMEN HANDLING</i>		
ASAP	8 - 114	5.00 / EA
STAT	8 - 98	25.00 / EA
ELT FEE / PER REQUEST	8 - 99	12.00 / EA
SPIN & SAVE	8 - 100	5.00 / EA
<i>CHEMISTRY</i>		
PROFILE, SMALL ANIMAL FULL (SAP) INCLUDES: NA, K, CL, TCO2, CALC. ANION GAP, GLUCOSE, BUN, CREATININE, ALT, ALKP, TP, ALB, CALC. GLOBULIN, A/G RATIO, CALCIUM, PHOSPHORUS, CHOLESTEROL, CALC. OSMO., TBIL, MG	8 - 43	37.00 / EA
PROFILE, LARGE ANIMAL FULL (LAP) INCLUDES: NA, K, CL, TCO2, CALC. ANION GAP, GLUCOSE, BUN, CREATININE, AST, ALKP, GGT, TP, ALB, CALC. GLOBULIN, A/G RATIO, CALCIUM, PHOSPHORUS, CALC. OSMO., TBIL, CK, MG	8 - 44	37.00 / EA
PROFILE, SMALL ANIMAL ANESTHESIA (SAAP) INCLUDES: SURG CBC (INSTRUMENT VALUES ONLY), TP, GLUCOSE, BUN, ALT	8 - 48	20.00 / EA
PROFILE, LARGE ANIMAL ANESTHESIA (LAAP) INCLUDES: SURG CBC (INSTRUMENT VALUES ONLY), TOTAL PROTEIN, GLUCOSE, BUN, AST	8 - 45	20.00 / EA
PROFILE, ELECTROLYTE (EP) INCLUDES: NA, K, CHLORIDE, TCO2, CALC. ANION GAP	8 - 47	15.00 / EA
PROFILE, SMALL ANIMAL MINI (SAMP) INCLUDES: NA, K, CHLORIDE, TCO2, CALC. ANION GAP, GLUCOSE, BUN, ALT, CALCIUM, TP	8 - 54	27.00 / EA
PROFILE, LARGE ANIMAL MINI (LAMP) INCLUDES: NA, K, CL, TCO2, CALC. ANION GAP, GLUCOSE, BUN, GGT, CALCIUM, TP	8 - 46	27.00 / EA
PROFILE, SMALL ANIMAL LIVER (SALP) INCLUDES: GLUCOSE, BUN, ALT, ALKP, TP, ALBUMIN, TBIL, CHOLESTEROL	8 - 59	32.00 / EA
PROFILE, SMALL ANIMAL RENAL (SARP) INCLUDES: NA, K, CL, TCO2, CALC. ANION GAP, BUN, CREATININE, CALCIUM, PHOSPHORUS	8 - 58	27.00 / EA
PROFILE, HEPATIC INCLUDES: AST, ALT, GGT, ALKP, CHOLESTEROL, TRIGLYCERIDES, TP, ALBUMIN, GLUCOSE, BUN, CREATININE	8 - 128	27.00 / EA
PROFILE, LARGE ANIMAL LIVER (LALP) INCLUDES: GLUCOSE, BUN, AST, ALKP, GGT, TP, ALBUMIN, TBIL	8 - 56	32.00 / EA
PROFILE, LARGE ANIMAL NEONATE (LANP) INCLUDES: NA, K, CL, TCO2, CALC. ANION GAP, GLUCOSE, CREATININE, CALCIUM, TP, ALBUMIN	8 - 55	27.00 / EA
PROFILE, SMALL AVIAN/REPTILE (SAVRP) INCLUDES: GLUCOSE, AST, TP, CALCIUM, PHOSPHORUS, CK	8 - 49	26.00 / EA
PROFILE, LARGE AVIAN/REPTILE (LAVRP) INCLUDES: NA, K, CHLORIDE, TCO2, AGAP, GLUCOSE, CREATININE, TP, ALB, CALC. GLOBULIN, AST, CALCIUM, PHOSPHORUS	8 - 50	35.00 / EA
PROFILE, AQUATIC 1 (AQP1) INCLUDES: NA, K, CHLORIDE, GLUCOSE, BUN, CREATININE, TP, ALB, CALC. GLOBULIN, AST, ALKP, CALCIUM, PHOSPHORUS, CALC. OSMO	8 - 51	33.00 / EA
PROFILE, AQUATIC 2 (AQP2) INCLUDES: NA, K, CL, TCO2, AGAP, GLUCOSE, BUN, CREATININE, TP, ALT	8 - 52	22.00 / EA
PROFILE, AQUATIC 3 (AQP3) INCLUDES: NA, K, CL, TCO2, AGAP, GLUCOSE, CREATININE, TP, AST, CALCIUM, PHOSPHORUS, GGT	8 - 53	26.00 / EA
PROFILE, LARGE ANIMAL RENAL (LARP) INCLUDES: NA, K, CL, TCO2, CALC. ANION GAP, BUN, CREATININE, CALCIUM, PHOSPHORUS	8 - 105	27.00 / EA
PROFILE, AVIAN/REPTILE MINI (AVRMP) INCLUDES: GLUCOSE, AST, TP, CALCIUM	8 - 108	16.00 / EA
PROFILE, MINERAL (CVM)	8 - 218	10.00 / EA
PROFILE, MICE	8 - 282	30.00 / EA
PROFILE, RESEARCH CHEM	8 - 286	21.00 / EA
BLOOD GAS ANALYSIS	8 - 107	20.00 / EA
IONIZED CA (CVM)	8 - 348	20.00 / EA
ALBUMIN	8 - 28	8.00 / EA
ALKALINE PHOSPHATASE	8 - 26	8.00 / EA
ALT (ALANINE AMINOTRANSFERASE)	8 - 21	8.00 / EA
AMMONIA	8 - 57	40.00 / EA
AST (ASPARTATE AMINOTRANSFERASE)	8 - 22	8.00 / EA
BILE ACID	8 - 356	37.00 / EA
BILE ACID, 2 SAMPLES	8 - 353	54.00 / EA

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BILLING DESCRIPTION	CODE	FEE
BILIRUBIN, DIRECT (MUST ORDER TBILI ALSO)	8 -31	8.00 / EA
BILIRUBIN, TOTAL	8 -30	8.00 / EA
BUN	8 -24	8.00 / EA
CALCIUM	8 -32	8.00 / EA
CHOLESTEROL	8 -33	8.00 / EA
CK	8 -34	8.00 / EA
CL	8 -40	6.00 / EA
CREATININE	8 -35	8.00 / EA
GGT	8 -36	8.00 / EA
GLUCOSE	8 -37	8.00 / EA
GLUCOSE TOLERANCE	8 -94	40.00 / SE
MAGNESIUM	8 -17	18.00 / EA
PHOSPHORUS	8 -18	8.00 / EA
POTASSIUM (K)	8 -39	6.00 / EA
SODIUM (NA)	8 -38	6.00 / EA
TCO2	8 -41	8.00 / EA
TOTAL PROTEIN	8 -19	8.00 / EA
TRIGLYCERIDES	8 -23	20.00 / EA
FLUID CALCIUM	8 -60	10.00 / EA
FLUID CREATININE	8 -61	10.00 / EA
FLUID GGT	8 -68	10.00 / EA
FLUID MAGNESIUM	8 -66	18.00 / EA
FLUID OSMO, MEASURED	8 -65	40.00 / EA
FLUID PHOSPHORUS	8 -62	10.00 / EA
FLUID TOTAL PROTEIN	8 -63	10.00 / EA
FLUID TRIGLYCERIDES	8 -67	20.00 / EA
FLUID UREA	8 -64	10.00 / EA
URINE PROTEIN/CREATININE RATIO	8 -103	20.00 / EA
URINE TOTAL PROTEIN	8 -106	10.00 / EA
<i>SPECIAL CHEMISTRY</i>		
CORTISOL	8 -115	35.00 / EA
CORTISOL, 2 SAMPLES	8 -125	40.00 / EA
CORTISOL, 3 SAMPLES	8 -126	45.00 / EA
MEASURED OSMOLALITY	8 -110	40.00 / EA
PHENOBARBITAL	8 -117	50.00 / EA
PROGESTERONE	8 -116	35.00 / EA
TOTAL T4	8 -118	35.00 / EA
<i>COAGULATION</i>		
COAG PROFILE (INCLUDES: PT, APTT)	8 -104	60.00 / EA
PROTHROMBIN TIME	8 -69	30.00 / EA
ACTIVATED PARTIAL THROMBOPLASTIN TIME	8 -70	30.00 / EA
FIBRIN DEGRADATION PRODUCTS	8 -71	30.00 / EA
D-DIMER	8 -72	27.00 / EA
<i>HEMATOLOGY</i>		
SMALL ANIMAL CBC	8 -2	18.00 / EA
LARGE ANIMAL CBC (INCLUDES FIBRINOGEN)	8 -11	21.00 / EA
CBC W/O DIFF	8 -9	9.00 / EA
CBC, CHEMO	8 -101	16.00 / EA
DIFFERENTIAL ONLY	8 -6	10.00 / EA
MANUAL PLATELET COUNT	8 -13	10.00 / EA
WBC + DIFF	8 -113	15.00 / EA
PLASMA PROTEIN	8 -14	5.00 / EA
PLASMA FIBRINOGEN	8 -73	6.00 / EA
PCV	8 -8	5.00 / EA
BUFFY COAT	8 -1	22.00 / EA
RETICULOCYTE COUNT	8 -7	14.00 / EA
KNOTT'S	8 -12	14.00 / EA
BLOOD PARASITE EXAM	8 -3	12.00 / EA
WBC	8 -112	7.00 / EA
<i>PARASITOLOGY</i>		
FECAL FLOTATION	8 -78	14.00 / EA
FECAL FLOTATION (EPG)	8 -82	20.00 / EA

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BILLING DESCRIPTION	CODE	FEE
DIRECT SMEAR	8 - 75	5.00 / EA
BAERMANN	8 - 74	17.00 / EA
SEDIMENTATION	8 - 81	17.00 / EA
OCCULT BLOOD	8 - 79	15.00 / EA
EXTERNAL PARASITE ID	8 - 76	10.00 / EA
INTERNAL PARASITE ID	8 - 77	10.00 / EA
<i>URINE</i>		
URINALYSIS	8 - 84	13.00 / EA
MYOGLOBIN (URINE)	8 - 85	20.00 / EA
<i>SEROLOGY</i>		
OCCULT HEARTWORM STAT SCREEN	8 - 91	18.00 / EA
FIV + FELV STAT COMBO	8 - 90	24.00 / EA
BRUCELLA CANIS RSAT	8 - 88	25.00 / EA
CANINE PARVOVIRUS	8 - 92	20.00 / EA
FOAL IGG	8 - 89	24.00 / EA
BLASTOMYCOSIS	8 - 86	22.00 / EA
HISTOPLASMOSIS	8 - 87	22.00 / EA
CANINE COOMB'S TEST	8 - 4	40.00 / EA
CANINE PLI	8 - 133	25.00 / EA
C. DIFF TOXIN A & B	8 - 127	40.00 / EA
CROSSMATCH (PER DONOR)	8 - 5	50.00 / EA
<i>MAILING FEES</i>		
LATE PACKAGING FEE (FOR PACKAGING REQUIRED AFTER SCHEDULED PACKAGING TIME EACH DAY)	10 - 15	15.00 / EA
OVERNIGHT SHIPPING (FOR SENDOUTS)	10 - 1	25.00 / EA
PACKAGING--SUPPLIES ONLY (FOR OVERNIGHT SHIPPING)	10 - 4	10.00 / EA
ROUTINE MAIL (FOR SENDOUTS)	10 - 44	7.00 / EA
<i>CYTOLOGY</i>		
CSF ANALYSIS	9 - 5000	22.00 / EA
ABD FLUID ANALYSIS	9 - 5010	18.00 / EA
PERICARDIAL FL ANALYSIS	9 - 5015	18.00 / EA
SYNOVIAL FLUID ANALYSIS	9 - 5020	18.00 / EA
EQUINE SYNOVIAL FLUID	9 - 5021	26.00 / EA
THORACIC FLUID ANALYSIS	9 - 5025	18.00 / EA
BONE MARROW ANALYSIS	9 - 5030	22.00 / EA
BRONCHIAL WASH ANALYSIS	9 - 5035	16.00 / EA
RESEARCH BAL ANALYSIS	9 - 5036	18.00 / EA
NASAL WASH ANALYSIS	9 - 5040	16.00 / EA
PROSTATIC WASH ANALYSIS	9 - 5045	16.00 / EA
TTW ANALYSIS	9 - 5050	16.00 / EA
ASPIRATE SLIDE ANALYSIS	9 - 5055	14.00 / EA
DIRECT SMEAR ANALYSIS	9 - 5060	14.00 / EA
IMPRINT SLIDE ANALYSIS	9 - 5065	14.00 / EA
BLOOD SMEAR ANALYSIS	9 - 5070	14.00 / EA
<i>MICROBIOLOGY</i>		
<i>CULTURES</i>		
URINE C & S (INCLUDES ID/SENS OF UP TO 2 ORGANISMS)	9 - 1215	45.00 / EA
AEROBIC C&S (INCLUDES ID/SENS OF UP TO 3 ORGANISMS)	9 - 1235	50.00 / EA
AER C&S & ANA CULTURE (INCLUDES ID/SENS OF UP TO 3 ORGANISMS)	9 - 1230	60.00 / EA
SALMONELLA C&S	9 - 1260	30.00 / EA
SALMONELLA SCREEN	9 - 1263	10.00 / EA
SALMONELLA CULTURE X 5	9 - 1265	60.00 / SE
AEROBIC CULT	9 - 1200	22.00 / EA
ANAEROBIC CULTURE	9 - 1205	30.00 / EA
AEROBIC ISOLATE ID	9 - 1220	18.00 / EA
ANAEROBIC ISOLATE ID	9 - 1225	18.00 / EA
FROZEN ISOLATE	9 - 1226	18.00 / EA
BLD CULTURE-AER&ANA	9 - 1244	40.00 / EA

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BILLING DESCRIPTION	CODE	FEE
BLOOD CULTURE-AER	9 - 1247	20.00 / EA
BLOOD CULTURE-ANA	9 - 1248	20.00 / EA
MILK CULTURE, HERD, PER SPECIMEN (ID & SENS BILLED INDIVIDUALLY)	9 - 1250	10.00 / EA
BULK TANK MILK CULTURE	9 - 1255	30.00 / EA
RESISTANT PANEL	9 - 1234	15.00 / EA
MIC - COMPANION ANIMAL	9 - 1266	15.00 / EA
MIC - EQUINE	9 - 1267	18.00 / EA
ADDITIONAL ID AND MIC	9 - 1268	25.00 / EA
ID & KB SENS/ORGANISM	9 - 1238	25.00 / EA
DARKFIELD MICROSCOPY	9 - 1280	10.00 / EA
<i>STAINS</i>		
GRAM STAIN	9 - 1270	10.00 / EA
ACID FAST STAIN	9 - 1275	12.00 / EA
<i>MYCOLOGY</i>		
DERMATOPHYTE CULTURE	9 - 1300	15.00 / EA
FUNGAL CULTURE	9 - 1310	25.00 / EA
KOH PREP	9 - 1355	6.00 / EA
LPCB PREP	9 - 1360	6.00 / EA
INDIA INK PREP	9 - 1350	6.00 / EA
<b>PATHOLOGY</b>		
<i>NECROPSY</i>		
NECROPSY & CREMATION (INPATIENT ONLY)	9 - 6001	65.00 / EA
NECROPSY <= 200 LBS	9 - 6016	50.00 / EA
NECROPSY >200 LBS (RUMINANTS/PORCINE)	9 - 6017	65.00 / EA
NECROPSY >200 LBS(EQUINE/EXOTIC)	9 - 6018	80.00 / EA
NECROPSY, SA LEGAL/INS	9 - 6020	100.00 / EA
NECROPSY, OVI/SCRAPIES	9 - 6021	50.00 / EA
NECROPSY, LA LEGAL/INS	9 - 6025	175.00 / EA
NECROPSY, WL MONITORING	9 - 6040	50.00 / EA
TISSUE ACCESS - RABIES	9 - 6049	3.00 / EA
<i>CREMATION</i>		
CREMATION, SA, 1-30 LBS	9 - 6101	120.00 / EA
CREMATION, SA, 31-70 LBS	9 - 6102	180.00 / EA
CREMATION, SA, 71-200 LBS	9 - 6103	230.00 / EA
CREMATION URN	9 - 6180	40.00 / EA
HOLD FOR CREMATION	9 - 6196	0.00 / EA
<i>HISTOLOGY</i>		
BIOPSY	9 - 6200	40.00 / EA
MAIL-IN NECROPSY	9 - 6210	45.00 / EA
MARGINS CHECK	9 - 6220	10.00 / EA
RESEARCH H&E	9 - 6230	10.00 / SL
RES H&E WITH REPORT	9 - 6231	15.00 / EA
TISSUE EMBEDDING ONLY	9 - 6235	4.00 / BL
UNSTAINED RECUTS	9 - 6240	5.00 / SL
STAINED RECUTS	9 - 6245	8.00 / SL
SPECIAL STAINS: AFB	9 - 6250	9.00 / SL
SPECIAL STAINS: B&B	9 - 6251	9.00 / SL
SPECIAL STAINS: GIEMSA	9 - 6252	13.00 / SL
SPECIAL STAINS: PAS	9 - 6254	13.00 / SL
SPECIAL STAINS: STEINER	9 - 6256	20.00 / SL
SPECIAL STAINS: FONTANA	9 - 6257	20.00 / SL
SPECIAL STAINS: T-BLUE	9 - 6258	7.00 / SL
SPECIAL STAINS: CONGO	9 - 6259	7.00 / SL
SPECIAL STAINS: IRON	9 - 6260	7.00 / SL
SPECIAL STAINS: LUX F B	9 - 6261	9.00 / SL
SPECIAL STAINS: MAS TRI	9 - 6262	13.00 / SL
SPECIAL STAINS: PTAH	9 - 6263	13.00 / SL
SPECIAL STAINS: MELANIN	9 - 6264	7.00 / SL

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BILLING DESCRIPTION	CODE	FEE
SPECIAL STAINS: GMS	9 - 6265	20.00 / SL
SPECIAL STAINS: MGP	9 - 6266	13.00 / SL
<i>IMMUNOHISTOCHEMISTRY</i>		
IHC PROFILE	9 - 6300	50.00 / EA
IHC FOR CWD	9 - 6310	50.00 / EA
RESEARCH IHC (PER AB)	9 - 6330	20.00 / EA
<i>WASTE DISPOSAL</i>		
INC: PATH ANIMAL WASTE (UP TO 25 LBS)	9 - 6811	15.00 / EA
INC: PATH ANIMAL WASTE (26 - 50 LBS)	9 - 6812	30.00 / EA
INC: PATH ANIMAL WASTE (51 - 75 LBS)	9 - 6813	45.00 / EA
INC: PATH ANIMAL WASTE (76 - 100 LBS)	9 - 6814	60.00 / EA
INC: PATH ANIMAL WASTE (101 - 125 LBS)	9 - 6815	75.00 / EA
INC: PATH ANIMAL WASTE (≥ 126 LBS)	9 - 6816	90.00 / EA
REND: N-I ANIMAL WASTE	9 - 6830	50.00 / EA
DISP: SMALL SHARPS CONT	9 - 6850	30.00 / EA
DISP: LARGE SHARPS CONT	9 - 6860	40.00 / EA
DISP: RG BIOHAZARD BAG	9 - 6870	25.00 / EA
DISP: LG BIOHAZARD BAG	9 - 6880	35.00 / EA
WASTE: REPKG FEE	9 - 6890	40.00 / EA
WASTE: PROCESSING FEE A	9 - 6895	15.00 / EA
WASTE: PROCESSING FEE B	9 - 6896	20.00 / EA
WASTE: PROCESSING FEE C	9 - 6897	25.00 / EA
<i>TOXICOLOGY</i>		
AFLATOXINS	9 - 8240	60.00 / EA
ANTICOAGULANT SCREEN	9 - 8270	60.00 / EA
BIOGENIC AMINES	9 - 8230	100.00 / EA
BROMIDE	9 - 8170	30.00 / EA
CALCIUM, TOX	9 - 8165	30.00 / EA
CARBAMAZEPINE	9 - 8440	30.00 / EA
CHOLINES, BLOOD	9 - 8030	20.00 / EA
CHOLINES, EEL	9 - 8040	25.00 / EA
CHOLINES, OP IN	9 - 8050	30.00 / EA
CHOLINES, TISSUE	9 - 8020	20.00 / EA
CONDUCTIVITY	9 - 8060	7.00 / EA
CYANIDE	9 - 8010	25.00 / EA
DRUG SCREEN	9 - 8280	40.00 / EA
ETHYLENE GLYCOL-TOX	9 - 8420	60.00 / EA
FUMONISIN	9 - 8190	60.00 / EA
MYCOTOXINS	9 - 8080	60.00 / EA
NITRATE	9 - 8100	20.00 / EA
NITRATE/NITRITE	9 - 8120	40.00 / EA
NITRITE	9 - 8110	20.00 / EA
ORGANOPHOSPHATES	9 - 8220	50.00 / EA
PH	9 - 8200	6.00 / EA
PHENOBARBITAL (TOX)	9 - 8210	30.00 / EA
PHOSPHATE	9 - 8250	20.00 / EA
PHOSPHINE	9 - 8260	20.00 / EA
POISONOUS PLANT ID	9 - 8130	20.00 / EA
STRYCHNINE	9 - 8140	30.00 / EA
URATES	9 - 8430	30.00 / EA
WATER ODOR ANALYSIS	9 - 8290	100.00 / EA