

# MSU-CVM Diagnostic Lab Services Fee List

## EFFECTIVE JULY 21, 2008

BILLING DESCRIPTION	TEST CODE	FEE
<b>CLINICAL PATHOLOGY</b>		
<b>SPECIMEN HANDLING</b>		
ASAP	114	5.00 / EA
STAT	98	25.00 / EA
ELT FEE / PER REQUEST	99	12.00 / EA
SPIN & SAVE	100	5.00 / EA
<b>CHEMISTRY</b>		
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	43	45.00 / 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	44	45.00 / EA
PROFILE, SMALL ANIMAL ANESTHESIA (SAAP) INCLUDES: SURG CBC (INSTRUMENT VALUES ONLY), TP, GLUCOSE, BUN, ALT	48	20.00 / EA
PROFILE, LARGE ANIMAL ANESTHESIA (LAAP) INCLUDES: SURG CBC (INSTRUMENT VALUES ONLY), TOTAL PROTEIN, GLUCOSE, BUN, AST	45	20.00 / EA
PROFILE, ELECTROLYTE (EP) INCLUDES: NA, K, CHLORIDE, TCO2, CALC. ANION GAP	47	15.00 / EA
PROFILE, SMALL ANIMAL MINI (SAMP) INCLUDES: NA, K, CHLORIDE, TCO2, CALC. ANION GAP, GLUCOSE, BUN, ALT, CALCIUM, TP	54	27.00 / EA
PROFILE, LARGE ANIMAL MINI (LAMP) INCLUDES: NA, K, CL, TCO2, CALC. ANION GAP, GLUCOSE, BUN, GGT, CALCIUM, TP	46	27.00 / EA
PROFILE, SMALL ANIMAL LIVER (SALP) INCLUDES: GLUCOSE, BUN, ALT, ALKP, TP, ALBUMIN, TBIL, CHOLESTEROL	59	32.00 / EA
PROFILE, SMALL ANIMAL RENAL (SARP) INCLUDES: NA, K, CL, TCO2, CALC. ANION GAP, BUN, CREATININE, CALCIUM, PHOSPHORUS	58	27.00 / EA
PROFILE, HEPATIC INCLUDES: AST, ALT, GGT, ALKP, CHOLESTEROL, TRIGLYCERIDES, TP, ALBUMIN, GLUCOSE, BUN, CREATININE	128	27.00 / EA
PROFILE, LARGE ANIMAL LIVER (LALP) INCLUDES: GLUCOSE, BUN, AST, ALKP, GGT, TP, ALBUMIN, TBIL	56	32.00 / EA
PROFILE, LARGE ANIMAL NEONATE (LANP) INCLUDES: NA, K, CL, TCO2, CALC. ANION GAP, GLUCOSE, CREATININE, CALCIUM, TP, ALBUMIN	55	27.00 / EA
PROFILE, SMALL AVIAN/REPTILE (SAVRP) INCLUDES: GLUCOSE, AST, TP, CALCIUM, PHOSPHORUS, CK	49	26.00 / EA
PROFILE, LARGE AVIAN/REPTILE (LAVRP) INCLUDES: NA, K, CHLORIDE, TCO2, AGAP, GLUCOSE, CREATININE, TP, ALB, CALC. GLOBULIN, AST, CALCIUM, PHOSPHORUS	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	51	33.00 / EA
PROFILE, AQUATIC 2 (AQP2) INCLUDES: NA, K, CL, TCO2, AGAP, GLUCOSE, BUN, CREATININE, TP, ALT	52	22.00 / EA
PROFILE, AQUATIC 3 (AQP3) INCLUDES: NA, K, CL, TCO2, AGAP, GLUCOSE, CREATININE, TP, AST, CALCIUM, PHOSPHORUS, GGT	53	26.00 / EA
PROFILE, LARGE ANIMAL RENAL (LARP) INCLUDES: NA, K, CL, TCO2, CALC. ANION GAP, BUN, CREATININE, CALCIUM, PHOSPHORUS	105	27.00 / EA
PROFILE, AVIAN/REPTILE MINI (AVRMP) INCLUDES: GLUCOSE, AST, TP, CALCIUM	108	16.00 / EA
BLOOD GAS ANALYSIS	107	20.00 / EA
IONIZED CA (CVM)	348	20.00 / EA
ALBUMIN	28	8.00 / EA
ALKALINE PHOSPHATASE	26	8.00 / EA
ALT (ALANINE AMINOTRANSFERASE)	21	8.00 / EA
AMMONIA	57	40.00 / EA
AMYLASE	29	16.00 / EA
AST (ASPARTATE AMINOTRANSFERASE)	22	8.00 / EA
BILIRUBIN, DIRECT (MUST ORDER TBILI ALSO)	31	8.00 / EA
BILIRUBIN, TOTAL	30	8.00 / EA
BUN	24	8.00 / EA
CALCIUM	32	8.00 / EA
CHOLESTEROL	33	8.00 / EA
CK	34	8.00 / EA

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CL	40	6.00 / EA
CREATININE	35	8.00 / EA
GGT	36	8.00 / EA
GLUCOSE	37	8.00 / EA
GLUCOSE TOLERANCE	94	40.00 / SE
LIPASE	16	27.00 / EA
MAGNESIUM	17	18.00 / EA
PHOSPHORUS	18	8.00 / EA
POTASSIUM (K)	39	6.00 / EA
SODIUM (NA)	38	6.00 / EA
TCO2	41	8.00 / EA
TOTAL PROTEIN	19	8.00 / EA
TRIGLYCERIDES	23	20.00 / EA
FLUID CALCIUM	60	10.00 / EA
FLUID CREATININE	61	10.00 / EA
FLUID GGT	68	10.00 / EA
FLUID MAGNESIUM	66	18.00 / EA
FLUID OSMO, MEASURED	65	40.00 / EA
FLUID PHOSPHORUS	62	10.00 / EA
FLUID TOTAL PROTEIN	63	10.00 / EA
FLUID TRIGLYCERIDES	67	20.00 / EA
FLUID UREA	64	10.00 / EA
URINE PROTEIN/CREATININE RATIO	103	20.00 / EA
URINE TOTAL PROTEIN	106	10.00 / EA
<b>SPECIAL CHEMISTRY</b>		
CORTISOL	115	40.00 / EA
CORTISOL, 2 SAMPLES	125	55.00 / EA
CORTISOL, 3 SAMPLES	126	70.00 / EA
MEASURED OSMOLALITY	110	40.00 / EA
PHENOBARBITAL	117	45.00 / EA
PROGESTERONE	116	40.00 / EA
TOTAL T4	118	20.00 / EA
<b>COAGULATION</b>		
COAG PROFILE (INCLUDES: PT, APTT)	104	44.00 / EA
PROTHROMBIN TIME	69	22.00 / EA
ACTIVATED PARTIAL THROMBOPLASTIN TIME	70	22.00 / EA
FIBRIN DEGRADATION PRODUCTS	71	30.00 / EA
D-DIMER	72	27.00 / EA
<b>HEMATOLOGY</b>		
SMALL ANIMAL CBC	2	18.00 / EA
LARGE ANIMAL CBC (INCLUDES FIBRINOGEN)	11	21.00 / EA
CBC W/O DIFF	9	9.00 / EA
CBC, CHEMO	101	16.00 / EA
DIFFERENTIAL ONLY	6	10.00 / EA
MANUAL PLATELET COUNT	13	10.00 / EA
WBC + DIFF	113	15.00 / EA
PLASMA PROTEIN	14	5.00 / EA
PLASMA FIBRINOGEN	73	6.00 / EA
PCV	8	5.00 / EA
BUFFY COAT	1	22.00 / EA
RETICULOCYTE COUNT	7	14.00 / EA
KNOTT'S	12	14.00 / EA

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BILLING DESCRIPTION	TEST CODE	FEE
LE PREP	10	22.00 / EA
BLOOD PARASITE EXAM	3	12.00 / EA
WBC	112	7.00 / EA
<b>PARASITOLOGY</b>		
FECAL FLOTATION	78	14.00 / EA
FECAL FLOTATION (EPG)	82	20.00 / EA
DIRECT SMEAR	75	5.00 / EA
BAERMANN	74	17.00 / EA
SEDIMENTATION	81	17.00 / EA
OCCULT BLOOD	79	15.00 / EA
EXTERNAL PARASITE ID	76	10.00 / EA
INTERNAL PARASITE ID	77	10.00 / EA
IFA FOR GIARDIA/CRYPTO	83	26.00 / EA
<b>URINE</b>		
URINALYSIS	84	13.00 / EA
MYOGLOBIN (URINE)	85	20.00 / EA
<b>SEROLOGY</b>		
OCCULT HEARTWORM STAT SCREEN	91	18.00 / EA
FIV + FELV STAT COMBO	90	24.00 / EA
BRUCELLA CANIS RSAT	88	25.00 / EA
CANINE PARVOVIRUS	92	20.00 / EA
FOAL IGG	89	24.00 / EA
BLASTOMYCOSIS	86	22.00 / EA
HISTOPLASMOSIS	87	22.00 / EA
CANINE COOMB'S TEST	4	40.00 / EA
CANINE PLI	133	25.00 / EA
C. DIFF TOXIN A & B	127	40.00 / EA
CROSSMATCH (PER DONOR)	5	50.00 / EA
<b>MAILING FEES</b>		
LATE PACKAGING FEE (FOR PACKAGING REQUIRED AFTER SCHEDULED PACKAGING TIME EACH)	15	15.00 / EA
OVERNIGHT SHIPPING (FOR SENDOUTS)	1	25.00 / EA
PACKAGING--SUPPLIES ONLY (FOR OVERNIGHT SHIPPING)	4	10.00 / EA
ROUTINE MAIL (FOR SENDOUTS)	44	7.00 / EA
<b>CYTOLOGY</b>		
CSF ANALYSIS	5000	22.00 / EA
ABD FLUID ANALYSIS	5010	18.00 / EA
PERICARDIAL FL ANALYSIS	5015	18.00 / EA
SYNOVIAL FLUID ANALYSIS	5020	18.00 / EA
EQUINE SYNOVIAL FLUID	5021	26.00 / EA
THORACIC FLUID ANALYSIS	5025	18.00 / EA
BONE MARROW ANALYSIS	5030	22.00 / EA
BRONCHIAL WASH ANALYSIS	5035	12.00 / EA
NASAL WASH ANALYSIS	5040	12.00 / EA
PROSTATIC WASH ANALYSIS	5045	12.00 / EA
TTW ANALYSIS	5050	12.00 / EA
ASPIRATE SLIDE ANALYSIS	5055	12.00 / EA
DIRECT SMEAR ANALYSIS	5060	12.00 / EA
IMPRINT SLIDE ANALYSIS	5065	12.00 / EA
BLOOD SMEAR ANALYSIS	5070	12.00 / EA

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BILLING DESCRIPTION	TEST CODE	FEE
<b>MICROBIOLOGY</b>		
<b>CULTURES</b>		
URINE C & S (INCLUDES ID/SENS OF UP TO 2 ORGANISMS)	1215	45.00 / EA
AEROBIC C&S (INCLUDES ID/SENS OF UP TO 3 ORGANISMS)	1235	50.00 / EA
AER C&S & ANA CULTURE (INCLUDES ID/SENS OF UP TO 3 ORGANISMS)	1230	60.00 / EA
SALMONELLA C&S	1260	30.00 / EA
SALMONELLA CULTURE X 5	1265	60.00 / SE
AEROBIC CULT	1200	22.00 / EA
ANAEROBIC CULTURE	1205	30.00 / EA
AEROBIC ISOLATE ID	1220	18.00 / EA
ANAEROBIC ISOLATE ID	1225	18.00 / EA
FROZEN ISOLATE	1226	18.00 / EA
BLD CULTURE-AER&ANA	1244	40.00 / EA
BLOOD CULTURE-AER	1247	20.00 / EA
BLOOD CULTURE-ANA	1248	20.00 / EA
MILK CULTURE, HERD, PER SPECIMEN (ID & SENS BILLED INDIVIDUALLY)	1250	10.00 / EA
BULK TANK MILK CULTURE	1255	30.00 / EA
K-B SENSITIVITY	1231	15.00 / EA
RESISTANT PANEL	1234	15.00 / EA
MIC - COMPANION ANIMAL	1266	15.00 / EA
MIC - EQUINE	1267	18.00 / EA
ADDITIONAL ID AND MIC	1268	25.00 / EA
ID & KB SENS/ORGANISM	1238	25.00 / EA
DARKFIELD MICROSCOPY	1280	10.00 / EA
<b>STAINS</b>		
GRAM STAIN	1270	10.00 / EA
ACID FAST STAIN	1275	12.00 / EA
<b>MYCOLOGY</b>		
DERMATOPHYTE CULTURE	1300	15.00 / EA
FUNGAL CULTURE	1310	25.00 / EA
KOH PREP	1355	6.00 / EA
LPCB PREP	1360	6.00 / EA
INDIA INK PREP	1350	6.00 / EA
<b>PATHOLOGY</b>		
<b>NECROPSY</b>		
NECROPSY </= 200 LBS	6016	50.00 / EA
NECROPSY >200 LBS (R/P)	6017	65.00 / EA
NECROPSY >200 LBS(E/EX)	6018	80.00 / EA
NECROPSY, SA LEGAL/INS	6020	100.00 / EA
NECROPSY, LA LEGAL/INS	6025	175.00 / EA
NECROPSY, WL MONITORING	6040	50.00 / EA
TISSUE ACCESS - RABIES	6049	3.00 / EA

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<b>CREMATION</b>		
CREMATION, SA, WASHES	6100	250.00 / EA
CREMATION, SA, NO ASHES	6105	70.00 / EA
CREMATION URN	6180	40.00 / EA
<b>HISTOLOGY</b>		
BIOPSY	6200	35.00 / EA
MAIL-IN NECROPSY	6210	45.00 / EA
MARGINS CHECK	6220	10.00 / EA
RESEARCH H&E	6230	10.00 / SL
RES H&E WITH REPORT	6231	15.00 / EA
TISSUE EMBEDDING ONLY	6235	4.00 / BL
UNSTAINED RECUTS	6240	5.00 / SL
STAINED RECUTS	6245	8.00 / SL
SPECIAL STAINS: AFB	6250	9.00 / SL
SPECIAL STAINS: B&B	6251	9.00 / SL
SPECIAL STAINS: GIEMSA	6252	13.00 / SL
SPECIAL STAINS: NOCHT	6253	9.00 / SL
SPECIAL STAINS: PAS	6254	13.00 / SL
SPECIAL STAINS: PVK	6255	13.00 / SL
SPECIAL STAINS: STEINER	6256	20.00 / SL
SPECIAL STAINS: FONTANA	6257	20.00 / SL
SPECIAL STAINS: T-BLUE	6258	7.00 / SL
SPECIAL STAINS: CONGO	6259	7.00 / SL
SPECIAL STAINS: IRON	6260	7.00 / SL
SPECIAL STAINS: LUX F B	6261	9.00 / SL
SPECIAL STAINS: MAS TRI	6262	13.00 / SL
SPECIAL STAINS: PTAH	6263	13.00 / SL
SPECIAL STAINS: MELANIN	6264	7.00 / SL
SPECIAL STAINS: GMS	6265	20.00 / SL
SPECIAL STAINS: MGP	6266	13.00 / SL
<b>IMMUNOHISTOCHEMISTRY</b>		
IHC PROFILE	6300	50.00 / EA
IHC FOR CWD	6310	50.00 / EA
RESEARCH IHC (PER AB)	6330	20.00 / EA
<b>WASTE DISPOSAL</b>		
INC: PATH ANIMAL WASTE	6800	1.50 / LB
INC: LL R-ACTIVE WASTE	6810	5.00 / LB
INC: CHEMOTHER WASTE	6820	1.50 / LB
REND: N-I ANIMAL WASTE	6830	50.00 / EA
DISP: SMALL SHARPS CONT	6850	30.00 / EA
DISP: LARGE SHARPS CONT	6860	40.00 / EA
DISP: RG BIOHAZARD BAG	6870	25.00 / EA
DISP: LG BIOHAZARD BAG	6880	35.00 / EA
DISP: EMPTY BIO BAG	6885	1.00 / EA
WASTE: REPKG FEE	6890	40.00 / EA
WASTE: PROCESSING FEE A	6895	15.00 / EA
WASTE: PROCESSING FEE B	6896	20.00 / EA
WASTE: PROCESSING FEE C	6897	25.00 / EA

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<b>TOXICOLOGY</b>		
AFLATOXINS	8240	60.00 / EA
ALUMINUM	8300	30.00 / EA
ANTICOAGULANT SCREEN	8270	60.00 / EA
ARSENIC	8000	30.00 / EA
BARIUM	8310	30.00 / EA
BIOGENIC AMINES	8230	100.00 / EA
BROMIDE	8170	30.00 / EA
CADMIUM	8410	30.00 / EA
CARBAMAZEPINE	8440	30.00 / EA
CESIUM	8320	30.00 / EA
CHOLINES, BLOOD	8030	20.00 / EA
CHOLINES, EEL	8040	25.00 / EA
CHOLINES, OP IN	8050	30.00 / EA
CHOLINES, TISSUE	8020	20.00 / EA
CHROMIUM	8180	30.00 / EA
COBALT	8330	30.00 / EA
CONDUCTIVITY	8060	7.00 / EA
COPPER	8335	30.00 / EA
CYANIDE	8010	25.00 / EA
DRUG SCREEN	8280	40.00 / EA
ETHYLENE GLYCOL-TOX	8420	60.00 / EA
FUMONISIN	8190	60.00 / EA
IRON	8340	30.00 / EA
LEAD	8070	30.00 / EA
MAGNESIUM (TOX)	8345	30.00 / EA
MANGANESE	8350	30.00 / EA
MOLYBDENUM	8360	30.00 / EA
MYCOTOXINS	8080	60.00 / EA
NICKEL	8370	30.00 / EA
NITRATE	8100	20.00 / EA
NITRATE/NITRITE	8120	40.00 / EA
NITRITE	8110	20.00 / EA
ORGANOPHOSPHATES	8220	50.00 / EA
PH	8200	6.00 / EA
PHENOBARBITAL (TOX)	8210	30.00 / EA
PHOSPHATE	8250	20.00 / EA
PHOSPHINE	8260	20.00 / EA
POISONOUS PLANT ID	8130	20.00 / EA
POTASSIUM (TOX)	8150	30.00 / EA
SODIUM (TOX)	8160	30.00 / EA
STRONTIUM	8380	30.00 / EA
STRYCHNINE	8140	30.00 / EA
URATES	8430	30.00 / EA
VANADIUM	8390	30.00 / EA
WATER ODOR ANALYSIS	8290	100.00 / EA
ZINC	8400	30.00 / EA