Clinical Pathology Section: Submission Form

Animal Disease Research and Diagnostic Laboratory
Veterinary & Biomedical Sciences Department
1155 North Campus Drive
South Dakota State University
Brookings, SD 57007

Refer to User’s Guide for fees and submission guidelines

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<table>
<thead>
<tr>
<th>Veterinarian</th>
<th>Owner</th>
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<tr>
<td>Clinic</td>
<td>Address</td>
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<tr>
<td>Address</td>
<td>Species</td>
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<td>Phone</td>
<td>Age</td>
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<td>Fax</td>
<td>Weight</td>
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CLINICAL HISTORY / DESCRIPTION OF SAMPLE(S) / SPECIAL REQUESTS

HEMATOLOGY, CYTOLOGY, URINALYSIS, & OTHER TESTS

- Complete Blood Count (CBC; whole blood in EDTA)
- Avian CBC (birds or reptiles; whole blood in EDTA or heparin)
- Blood Count: WBC, RBC, HGB, HCT, and platelet count only
- Presurgical Evaluation: HCT, plasma protein, and fibrinogen only
- Cytology (submitted slides or aspirate; call lab for fees)

PARASITOLOGY & IMMUNOLOGY

- Fecal flotation (ova & cysts)
- Fecal cryptosporidium exam
- Strongyle egg count (eggs/gram feces)
- Lungworm larval sedimentation (feces)
- Fluke egg flotation (feces)
- Ectoparasite exam
- Parasite Identification
- Hemoparasite exam
- Heartworm ELISA (serum; dog, cat)
- Giardia ELISA (feces; dog, cat)
- Total T4 hormone (serum; dog, cat, horse)
- Bovine IgG assay (serum; RID)
- Rotaviral ELISA (feces; cattle)
- Coronavirus ELISA (feces; cattle)
- Parvoviral ELISA (feces; dog)

LARGE ANIMAL CHEMISTRY PROFILES

- Ruminant Diagnostic Profile
- Porcine Diagnostic Profile
- Equine Diagnostic Profile
- Dairy Management Profile
- Large Animal Presurgical Profile

SMALL ANIMAL & CUSTOM CHEMISTRY PROFILES

- Small Animal Diagnostic Profile
- Small Animal Presurgical Profile
- NSAIDs Profile
- Electrolyte Profile
- Avian Profile
- Custom Profile

SINGLE SERUM CHEMISTRY TESTS

- Albumin (ALB)
- Alkaline phosphatase (AP)
- Alanine transaminase (ALT)
- Amylase (AMY)
- Anion Gap (AG)
- Aspartate transaminase (AST)
- Beta hydroxybutyrate (BHA)
- Bicarbonate (CARB)
- Bile acids (BA)
- Bilirubin, Direct (DBIL)
- Bilirubin, Total (TBIL)
- C-reactive protein (CRP)
- Calcium (CA)
- Chloride (CL)
- Cholesterol (CHO)
- Creatine Kinase (CK)
- Creatinine (CRE)
- Gamma glutamyltransferase (GGT)
- Glucose (GLU)
- Iron, Total (FE)
- Lactate dehydrogenase (LDH)
- Lipase (LIP)
- Magnesium (MG)
- Nonesterified fatty acids (NEFA)
- Phosphate (P)
- Protein, Total (TP)
- Sodium (NA)
- Triglycerides (TRI)
- Urea (BUN)
- Uric acid (URI)