

Animal Health Diagnostic Center Test and Fee Schedule

| Test Name | Test Fee | Discipline | Test Days | Lag** | Samples | Container | Coolant |
|--|-----------------------------|--------------------|-----------|-----------------|--|--|--|
| Acid Fast Stain (for bacteria) | 8.50 /sample | Bacteriology | M-F | 1-2 days | 1) Affected tissue, lesion, or fluid; 2) Impression smear | 1) Amies transport media (swab) or sealed sterile container; 2) slide mailer | 1) Refrigerate. Ship in insulated container with ice pack. 2) Not required |
| <p>For the direct microscopic detection of Mycobacterium species. *May qualify for New York State contract pricing</p> | | | | | | | |
| Acidic-Extracted Drugs | 70.00 STAT+25 | Toxicology | M-F | 2 business days | 1) 4 ml heparinized (preferred) or EDTA plasma or serum; OR 2) 10 ml heparinized (preferred) or EDTA whole blood; OR 3) 50 ml urine | Heparinized tube(s), no gel clot; or red top tube with transferred heparinized plasma, labeled accordingly. Less ideal: red top tube with transferred serum or EDTA plasma OR red top/lavender top tube(s) with whole blood OR urine in leak-proof container | 1-3) Refrigerate. Ship for next day delivery in insulated container with freezer pack(s) |
| <p>Qualitative drug screening and confirmation. Analytes include, but are not limited to: Acetaminophen, Barbiturates, Bumetanide, Chlorothiazide, Diclofenac, Diflunisal, Firocoxib, Flufenamic Acid, Flunixin, Flurbiprofen, Furosemide, Griseofulvin, Ibuprofen, Indomethacin, Ketoprofen, Meclofenamic Acid, Meprobamate, Methocarbamol, Naproxen, Oxyphenbutazone, Phenylbutazone, Nabumetone, Salicylic Acid, Sulfa Drugs (Sulfadiazine, Sulfadimethoxine, Sulfadimidine, Sulfafurazole, Sulfamerazine, Sulfamethoxazole, Sulfanilamide, Sulfapyridine, Sulfathiazole), Sulindac, Thiosalicylic Acid, Tolmetin, Zomepirac.</p> | | | | | | | |
| Aerobic Bacterial Culture | 40.00 /sample | Bacteriology | M-F | 2-7 days | Affected tissue, lesion, fluid aspirate or swab in bacterial transport media | Amies transport media (swab) or sealed sterile container | Refrigerate. Ship in insulated container with ice pack. |
| <p>For the isolation of aerobic bacteria. Tissues are not routinely pooled for aerobic cultures. When multiple tissues are submitted and aerobic culture is requested, we will culture each separately, and a fee for each tissue will accrue. To detect Salmonella from GI samples, a Salmonella culture should be requested. Salmonella is readily identified in aerobic cultures from non-GI sources. To detect Listeria in brain or CSF specimens, a Listeria culture should be requested. Listeria is readily identified in aerobic cultures from systemic samples of septicemic animals or fetal tissues. Streptococcus equi is identified in routine aerobic cultures. If no other aerobic bacteria are of diagnostic concern, a Strep. equi culture can be used to rule in/out Strep. equi only. For Campylobacter spp., Mycoplasma spp., Ureaplasma spp., Yersinia spp. and Brucella spp., individual cultures specific to the bacteria should be requested, as they are not detected reliably in routine aerobic cultures. *May qualify for New York State contract pricing. Antimicrobial susceptibilities are not included in the testing fee. Susceptibilities will be performed only if specifically requested. See Antimicrobial Susceptibility (MIC) and Antimicrobial Susceptibility, Ophthalmology. Preliminary results will be provided one day after sample processing begins.</p> | | | | | | | |
| Alanine Aminotransferase (ALT) | 8.50 /sample (blood, fluid) | Clinical Pathology | M-Sa | 1-2 days | 1) 1 mL separated serum or heparinized plasma; 2) fluid | Red top (non-anticoagulant) or green top (heparin) tube | Refrigerate. Ship overnight in insulated container with freezer packs. |
| <p>See Test Info and Protocols for more information Test reference ranges can be found at Clinpath Reference Intervals. For test interpretation, refer to eclinpath.com</p> | | | | | | | |
| Albumin | 8.50 | Clinical Pathology | M-Sa | 1-2 days | 1) 1 mL separated serum or heparinized plasma; 2) fluid; 3) 2 mL urine | Red top (non-anticoagulant) or green top (heparin) tube | Refrigerate. Ship in insulated container with ice pack. |
| <p>See Test Info and Protocols for more information Test reference ranges can be found at Clinpath Reference Intervals. For test interpretation, refer to eclinpath.com</p> | | | | | | | |
| Alkaline Phosphatase (ALP) | 8.50 /sample | Clinical Pathology | M-Sa | 1-2 days | 1) 1 mL separated serum or heparinized plasma; 2) fluid; | Red top (non-anticoagulant) or green top (heparin) tube | Refrigerate. Ship overnight in insulated container with freezer packs. |
| <p>For more information, see Test Info and Protocols. Test reference ranges can be found at Clinpath Reference Intervals. For test interpretation, refer to eclinpath.com</p> | | | | | | | |
| Ammonia | 54.00 | Clinical Pathology | M-F | 1 day | Separated plasma from a purple top (EDTA) or green top (heparin) tube. See https://ahdc.vet.cornell.edu/Sects/ClinPath/sample/test/ammonia.cfm specific for collection instructions. | Purple top (EDTA) or green top (heparin) tube | Separate and freeze plasma immediately. Ship to lab on dry ice (sample must stay frozen during transit). Mark the outside of the shipping box: PERISHABLE KEEP COOL. |
| <p>Used to identify hyperammonemia in cases with neurologic symptoms due to hepatic failure (hepatic encephalopathy), enteric disease (colonic disorders in horses) and inherited disorders of ammonia metabolism. Call the lab at 607-253-3255 prior to drawing sample. See Eclinpath for more information</p> | | | | | | | |
| Amylase | 8.50 /sample (blood, fluid) | Clinical Pathology | M-Sa | 1-2 days | 1) 1 mL separated serum or heparinized plasma; 2) fluid | Red top (non-anticoagulant) or green top (heparin) tube | Refrigerate. Ship in insulated container with ice pack. |
| <p>See Test Info and Protocols for more information Test reference ranges can be found at Clinpath Reference Intervals. For test interpretation, refer to eclinpath.com</p> | | | | | | | |

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| Amylase, urine | 16.50 | Clinical Pathology | M-Sa | 1-2 days | 1 mL urine | Red top (non-anticoagulant) tube or plastic leakproof container | Refrigerate. Ship overnight in insulated container with freezer pack. |
| Anaerobic Bacterial Culture | 45.00 /sample | Bacteriology | M-F | 2-7 days | 1) Fluid aspirate inoculated into anaerobic transport media vials for liquid specimens(Cary-Blair, e.g. BBL™ Port-a-cul™ or Anaerobic Systems ATM); 2) Fresh tissue (>2-3 cm in diameter, minimum size); 3) Ligated loop of intestine; 4) Swab or small tissue collected and immediately placed in anaerobic transport media tube for swabs(Cary-Blair, e.g. BBL™ Port-a-cul™ or Anaerobic Systems ATM) | 1,4) Anaerobic transport media (Cary-Blair, e.g. BBL™ Port-a-cul™ or Anaerobic Systems ATM): tube or vial form - see sample info above; 2-3) tissues (>2-3 cm in diameter, minimum size) in sealed sterile container | 1) DO NOT Refrigerate anaerobic transport media tubes or vials; 2-3) Tissues (>2-3 cm in diameter, minimum size) are ideally held and shipped frozen with sufficient insulation and freezer packs to arrive next day and very cold; refrigerated temperatures are acceptable only for tissue samples delivered to the lab within 24 hours of collection. |
| <p>For the isolation of anaerobic bacteria. Ship overnight. Antimicrobial susceptibilities are not applicable. Please consider using the Foal Diarrhea/Septicemia Kit and Adult Equine Diarrhea Kit for equine diarrhea submissions. Tissues (>2-3 cm in diameter, minimum size or ligated loops of bowel) are ideally held and shipped frozen with sufficient insulation and freezer packs to arrive next day and very cold; refrigerated temperatures are acceptable only for tissue samples delivered to the lab within 24 hours of collection. DO NOT Refrigerate anaerobic transport media tubes or vials Despite labeling to the contrary, culture systems containing Amies transport media or Stuart transport media are inappropriate as transport systems for anaerobic culturing. Swabs transported without any transport media are unsuitable for both aerobic and anaerobic culture.</p> | | | | | | | |
| Anesthetic Screen | 331.00 per /sample | Toxicology | M-F as needed | 3 business days | 1) urine; 2) heparin whole blood; 3) liver | 1) sterile, leak-proof container; 2) Heparinized tube; 3) sterile, leak-proof container | 1-3) Refrigerate. Ship in insulated container with ice pack. |
| <p>Qualitative screening for acepromazine, barbiturates, ketamine, morphine, xylazine, tiletamine/zolazepam. Special request only; contact Lab.</p> | | | | | | | |
| Antimicrobial Susceptibility (MIC) | 28.00 /isolate | Bacteriology | M-F | 2-5 days | 1) Affected tissue, lesion or fluid; 2) Feces or intestinal content; 3) Bacterial isolate | 1) Amies transport media (swab) or other appropriate bacterial transport media OR 2) Exudate or aspirate fluid in sealed sterile container OR 3) Bacterial isolate on Agar slant or plate (sealed) or swab in appropriate bacterial transport media | 1-3) Refrigerate. Ship in insulated container with ice pack. |
| <p>Includes systemic antimicrobials. Bacterial culture must be performed to recover an isolate before testing can be done. Cost of culture is separate. For susceptibilities on bacterial isolates, pure, identified cultures must be submitted. *May qualify for New York State contract pricing .</p> | | | | | | | |
| Antimicrobial Susceptibility, Ophthalmology | 30.50 per isolate | Bacteriology | M-F | 2-5 days | 1) Bacterial isolate | 1) In house culture isolate 2) Agar slant or plate (sealed) | 1-2) Refrigerate. Ship in insulated container with ice pack. |
| <p>Includes topical ophthalmic antimicrobials. *May qualify for New York State contract pricing . Bacterial culture must be performed to recover an isolate before testing can be done. Cost of culture is separate. For susceptibilities on bacterial isolates, pure, identified cultures must be submitted. Special certified training is required for the shipment of some pure cultures. Contact AHDC laboratory with questions</p> | | | | | | | |
| Antimicrobial Susceptibility, Urine | 24.50 /isolate | Bacteriology | M-F | 2-5 days | 1) Urine; 2) Bladder tissue/stones; 3) Bacterial isolate** (see Comment) | 1-2) Sterile container or Amies transport media (swab); 3) Agar slant or plate (sealed) | 1-3) Refrigerate. Ship in insulated container with ice packs. |
| <p>Includes antimicrobials that concentrate in the bladder. *May qualify for New York State contract pricing . Bacterial culture must be performed to recover an isolate before testing can be done. Cost of culture is separate. For susceptibilities on bacterial isolates, pure, identified cultures must be submitted. **Shippers of bacterial isolates must be fully trained in Hazardous Materials Shipping and adhere to all applicable regulations.</p> | | | | | | | |
| Antiplasmin | 38.50 | Comparative Coagulation | M-F | same day | 1 mL separated citrate plasma | plastic or siliconized glass tube in styrofoam box | Refrigerate. Ship in insulated container with ice pack. |
| <p>Measurement of antiplasmin levels in plasma Ship Overnight. For additional info see Submission Guidelines, or see Comp Coag web page</p> | | | | | | | |

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| Antithrombin (AT3) Ship Overnight. For additional info see Submission Guidelines, or see Comp Coag web page | 35.75 | Comparative Coagulation | M-F | same day | 1 mL separated citrate plasma | plastic or siliconized glass tube in styrofoam box | Refrigerate. Ship in insulated container with ice pack. |
| aPTT (Activated Partial Thromboplastin Time) Ship Overnight. For additional info see Submission Guidelines, or see Comp Coag web page | 14.50 | Comparative Coagulation | M-F | same day | 1 mL separated citrate plasma | plastic or siliconized glass tube in styrofoam box | Refrigerate. Ship in insulated container with ice pack. |
| aPTT Inhibitor Screen Ship Overnight; requires aPTT on same sample; for additional info see Submission Guidelines, or Comp Coag web page | 14.50 | Comparative Coagulation | M-F | same day | citrate plasma | plastic or siliconized glass tube in styrofoam box | Refrigerate. Ship in insulated container with ice pack. |
| Arsenic, blood/water/urine Quantitative arsenic concentration in fluid samples. Cannot analyze in plasma or serum - Need whole blood. Do not use heparin tubes (gel tubes). Whole blood should not be clotted. Contact Lab for specifics for avian and very small animals | 40.00 /sample | Toxicology | M-F | 3 business days | 1) whole blood; 2) urine; 3) water | 1) Heparinized or EDTA tube; 2) urine in sterile container | 1-2) Refrigerate. Ship in insulated container with ice pack. |
| Arsenic, tissue/feed Quantitative arsenic concentration in tissue or feed. | 35.00 /sample | Toxicology | M-F | 5 business days | 1) tissue; 2) feed | 1) sterile container; 2) any container | 1) Refrigerate; 2) none |
| Aspartate Aminotransferase (AST) See Test Info and Protocols for more information. Test reference ranges can be found at Clinpath Reference Intervals. For test interpretation, refer to eclinpath.com | 8.50 /sample (blood, fluid) | Clinical Pathology | M-Sa | 1-2 days | 1) 1 mL separated serum or heparinized plasma; 2) fluid | Red top (non-anticoagulant) or green top (heparin) tube | Refrigerate. Ship overnight in insulated container with freezer packs. |
| Aspartate Aminotransferase (AST), urine | 16.50 | Clinical Pathology | M-Sa | 1-2 days | 1 mL urine | plain glass or plastic tube | Refrigerate. Ship in insulated container with ice pack. |
| Bacterial ID For the identification of pure bacterial isolates. Charges are assessed PER ISOLATE submitted. Please ensure purity before shipment. Submissions accepted from Laboratories only. Follow all biohazard shipping regulations. Please provide animal history and suspected identification of isolate if possible. | 40.00 /isolate | Bacteriology | M-F | 2-7 days | Bacterial isolate (pure culture) | Agar slant or plate (sealed) or Amies transport media (swab) | Refrigerate. Ship in insulated container with ice pack. |
| Baermann Fecal Technique A modification of the Berlese Apparatus used to retrieve nematode such as lungworm, larvae from feces. The Baermann Technique is not recommended as a primary diagnostic technique for evaluation of parasites in feces. It is not useful for those nematode larvae that do not leave the feces or other biological material, or for detection of parasite eggs or cysts that may be in the fecal sample. Some lungworm larvae are retrieved using this technique, but some larvae such as those of Filaroides hirithi, Filaroides osleri, Strongyloides sp. and Dictyocaulus sp. are better recovered using flotation techniques. Lungworms, such as Eucoleus (Capillaria) aerophilus, that do not produce larvae are detected only by using flotation methods as well. Any fecal sample submitted for this procedure must be freshly voided so that the sample is not contaminated by free-living nematodes. It is strongly recommended to use a fecal flotation technique when lungworms are suspected. | 25.00 | Parasitology | M-F | 2-3 days | 15g fresh fecal sample (~1/2 cup) | Plastic leakproof container | Refrigerate. Ship in insulated container with ice pack. |
| Basic-Extracted Drugs (including but not limited to): Acepromazine, Amphetamine, Apomorphine, Atropine, Benzocaine, Brompheniramine, Brucine, Bupivacaine, Caffeine, Cimetidine (Tagamet), Chlorpromazine, Cocaine, Codeine, Cyproheptadine, Dextromethorphan, Diazepam, Dihydrocodeine, Dipyrone, Doxapram, Embutramide, Ephedrine, Griseofulvin, Hordenine, Hydrocodone, Ketamine, Lidocaine, Mepivacaine, Meprobamate, Methocarbamol, Methylphenidate, Methamphetamine, Metoclopramide, Pentazocine, Phenacelin, Phenothiazine, Procaine, Promazine, Phenylpropanolamine, Propoxyphene, Pyrilamine, Rantidine (Zantac), Strychnine, Tetracaine, Theobromine, Theophylline, Trimethoprim, Tropicamide, Xylazine For more information, see Appendix B. \$25.00 will be added for STAT processing. | 70.00 /sample; plus \$25 for STAT | Toxicology | M-F | 2 days | 1) 4 ml heparinized (preferred) or EDTA plasma or serum; OR 2) 10 ml heparinized (preferred) or EDTA whole blood; OR 3) 50 ml urine | Heparinized tube(s), no gel clot; or red top tube with transferred heparinized plasma, labeled accordingly. Less ideal: red top tube with transferred serum or EDTA plasma OR red top/lavender top tube(s) with whole blood OR urine in leak-proof container | 1-3) Refrigerate. Ship for next day delivery in insulated container with freezer pack(s) |

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| Beta-Hydroxybutyrate (BHBA) | 13.00 | Clinical Pathology | M-Sa | 1-2 days | 1 mL separated serum, EDTA plasma, or heparinized plasma | Red top (non-anticoagulant), green top (heparin) tube, or purple top (EDTA tube) | Refrigerate. Ship overnight in insulated container with freezer pack. |
| See Test Info and Protocols for more information. Test reference ranges can be found at Clinpath Reference Intervals. For test interpretation, refer to eclinpath.com | | | | | | | |
| Bethesda Unit Assay | 52.00 | Comparative Coagulation | M | 1 wk | citrate plasma | plastic or siliconized glass tube in styrofoam box | Refrigerate. Ship in insulated container with ice pack. |
| Bethesda units/mL; measure of factor inhibitory activity Ship Overnight. For additional info see Submission Guidelines or Comp Coag web page | | | | | | | |
| Bicarbonate | 9.00 /sample (blood, fluid) | Clinical Pathology | M-Sa | 1-2 days | 1) 1 mL separated serum or heparinized plasma; 2) fluid | Red top (non-anticoagulant) or green top (heparin) tube | Refrigerate. Ship overnight in insulated container with freezer packs. |
| See Eclinpath for more information | | | | | | | |
| Bile Acids, Fasting Panel | 24.00 /sample | Clinical Pathology | M-Sa | 1-2 days | 1 - 2 mL separated serum, each sample | Red top (non-anticoagulant) tube | Refrigerate. Ship overnight in insulated container with freezer packs. |
| Fasting Panel Clearly mark "Fasting" on sample. Lipemia (falsely increases) and hemolysis (falsely decreases) interfere with bile acid measurement through optical interference. Efforts should be made to minimize these (by not feeding too large a meal and by separating serum from cells as soon as possible). For test interpretation, refer to eclinpath.com. See Test Info and Protocols for more information | | | | | | | |
| Bile Acids, Post-Prandial Panel | 24.00 /sample | Clinical Pathology | M-Sa | 1-2 days | 1 - 2 mL separated serum, each sample | plain glass or plastic tube | Refrigerate. Ship overnight in insulated container with freezer packs. |
| Post-Prandial Panel See Test Info and Protocols for more information. | | | | | | | |
| Bile Acids, Random Panel | 24.00 /sample | Clinical Pathology | M-Sa | 1-2 days | 1 - 2 mL separated serum, each sample | Red top (non-anticoagulant) tube | Refrigerate. Ship overnight in insulated container with freezer packs. |
| Lipemia (falsely increases) and hemolysis (falsely decreases) interfere with bile acid measurement through optical interference. Efforts should be made to minimize these (by not feeding too large a meal and by separating serum from cells as soon as possible). See Test Info and Protocols for more information. | | | | | | | |
| Bilirubin Panel (total, direct, indirect) | 17.00 | Clinical Pathology | M-Sa | 1-2 days | 1 mL separated serum or heparinized plasma | Red top (non-anticoagulant) or green top (heparin) tube | Refrigerate. Ship in insulated container with ice pack. |
| Includes Total, direct, and indirect bilirubin. See Test Info and Protocols for more information | | | | | | | |
| Bilirubin, Total | 8.50 /sample | Clinical Pathology | M-Sa | 1-2 days | 1) 1 mL separated serum or heparinized plasma; 2) fluid; | Red top (non-anticoagulant) or green top (heparin) tube | Refrigerate. Ship overnight in insulated container with freezer packs |
| See Eclinpath for more information | | | | | | | |
| Blood Culture, Aerobic | 30.00 /sample | Bacteriology | M-F | 5-10 days | Whole blood in blood culture medium | 40 ml VersaTrek EZ® Draw® REDOX 1® aerobic blood culture bottle | Do NOT Refrigerate |
| For the isolation of aerobic bacteria in blood. Blood culture medium should be inoculated immediately when blood is drawn. See Blood Culture Technique for instructions. If the blood culture media used is not the VersaTrek EZ® Draw® REDOX 1® product, turn around time may be delayed due to inability to take full advantage of enhanced incubation characteristics of the VersaTrek® incubator system. See TREK Diagnostic Systems. The media is available from our diagnostic supply center. Submissions of 3 consecutive draws are recommended. Antimicrobial Susceptibility (MIC) are not included in the fee. See also Foal Diarrhea/Septicemia Kit. *May qualify for New York State contract pricing. | | | | | | | |

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| Blood Culture, Anaerobic | 30.00 /sample | Bacteriology | M-F | 5-10 days | Whole blood | 40 ml VersaTrek EZ® Draw® REDOX 2® anaerobic blood culture bottle | Do NOT Refrigerate |
| <p>For the isolation of anaerobic bacteria in blood. Blood culture medium should be inoculated immediately when blood is drawn. See Blood Culture Technique for instructions. If the blood culture media used is not the VersaTrek EZ® Draw® REDOX 2® product, turn around time may be delayed due to inability to take full advantage of enhanced incubation characteristics of the VersaTrek® incubator system. See TREK Diagnostic Systems. The media is available from our diagnostic supply center. Submissions of 3 consecutive draws are recommended. Antimicrobial Susceptibility (MIC) are not included in the fee. See also Foal Diarrhea/Septicemia Kit. *May qualify for New York State contract pricing.</p> | | | | | | | |
| Blood Smear Evaluation | 17.00 | Clinical Pathology | M-Sa | 1-2 days | 1-2 unfixed, unstained blood smears prepared at the time of sample collection | 1) Purple top (EDTA) tube, 2) Ship slides in a plastic or cardboard slide holder to prevent from breaking in transit. | Refrigerate blood; ship in insulated container with freezer pack for next day delivery. Hold slides at room temperature; protect from chilling/coolant by insulating separately during shipment. |
| <p>WBC estimate, manual WBC differential, WBC morphology, RBC morphology, platelet estimate, parasite check.</p> | | | | | | | |
| Bone Marrow Cytology | 60.00 | Clinical Pathology | M - F | 1-2 days | 1) At least 4-10 dry (unfixed, unstained) bone marrow smears | Ship slides in a plastic or cardboard slide holder to prevent from breaking in transit. | Hold at room temperature; DO NOT refrigerate smears; protect from chilling during shipment with insulation. |
| <p>Report includes – Specimen type and site (provided by submitter), Smear description (overall cellularity, assessment of all hematopoietic lineages, other cellular components and marrow iron by Prussian blue staining), Smear interpretation. Interpretation of bone marrow smears requires a recent CBC (within 24-48 hours). All bone marrow samples without a recent CBC should be accompanied by an EDTA blood sample with 2 blood smears and a CBC should be requested (use 'Other diagnostic tests requested' field to the right of the Clinical Summary field to request a CBC). Do not allow coolant to come in contact with specimen; ship overnight. STAT service available for same day results (extra charges apply). For additional information see Cytology Testing For test interpretation, refer to eclinpath.com For instructions on making blood smears see https://ahdc.vet.cornell.edu/Sects/ClinPath/sample/test/hema.cfm#Bloodsmear</p> | | | | | | | |
| Bovine Metabolic Panel | 30.50 | Clinical Pathology | M-Sa | 1-2 days | 2 mL separated serum | plain glass or plastic tube | Refrigerate |
| <p>BHBA, NEFA, UN, Albumin, AST, Cholesterol, Triglycerides Includes NEFA, BHBA, AST, ALB, and BUN; for additional info see Clin Path panels</p> | | | | | | | |
| Bronchoalveolar Lavage Count Cytology (smear exam and count: 56.00) | | Clinical Pathology | M - F | 1-2 days | 1) BAL fluid in EDTA AND 2) Smears (at least 2-3 unstained smears preferred); 3) Also submit a red-top tube if culture is anticipated | 1) Purple top (EDTA) tube, 2) Ship slides in a plastic or cardboard slide holder to prevent from breaking in transit. | Refrigerate. Ship in insulated container with freezer pack for next day delivery. Hold slides at room temperature; protect slides from chilling/coolant by insulating separately during shipment. |
| <p>Report includes - Specimen type and site (provided by submitter), Volume, Color, Turbidity, Nucleated cell count, RBC count, Smear type, Smear description, Smear Interpretation, respiratory Please also submit 2-3 freshly prepared smears of the BAL fluid and specify smear type, i.e. direct or sediment, on the smears and on the cytology submission form. Do not allow coolant to come in contact with specimen; ship overnight. STAT service available for same day results (extra charges apply). For additional information see Cytology Testing</p> | | | | | | | |
| Bronchoalveolar Lavage Cytology (smear exam only) | 48.00 | Clinical Pathology | M - F | 1-2 days | 1) Smears (at least 2-3 unstained smears preferred); and/or 2) BAL fluid in EDTA (no cell counts provided); 3) Also submit a red-top tube if culture is anticipated. | 1) Purple top (EDTA) tube, 2) Ship slides in a plastic or cardboard slide holder to prevent from breaking in transit, 3) red top if culture anticipated | Refrigerate fluids only. Ship in insulated container with freezer pack for next day delivery. Hold slides/smears at room temperature; protect from chilling/coolant by insulating separately during shipment |
| <p>Report includes - Specimen type and site (provided by submitter), Smear type, Smear description, Smear Interpretation With fluid samples of BAL, please also submit 2-3 freshly prepared smears and specify smear type, i.e. direct or sediment, on the smears and on the cytology submission form. Do not allow coolant to come in contact with specimen; ship overnight. STAT service available for same day results (extra charges apply). For additional information see Cytology Testing</p> | | | | | | | |

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| Brucella Card Agglutination Non-canine This test will not reliably detect Brucella ovis, Brucella mellitensis, Brucella canis, or Brucella suis. It is intended as a screening test for the detection of antibodies against Brucella abortus. | 3.50 /animal | Brucellosis | M-F | 1-4 days | 1) 2 mL serum; 2) clotted whole blood | 1-2) red top blood collection tube | Refrigerate. Ship in insulated container with ice pack. |
| Brucella Culture, non-canine For the isolation of Brucella species only. *May qualify for New York State contract pricing. Antimicrobial susceptibilities are not applicable. Refer to Brucella canis Culture for canine submissions. | 25.00 /sample | Bacteriology | M-F | 5-14 days | Affected tissue, lesion or fluid aspirate | Amies transport media (swab) or sealed sterile containers | Refrigerate. Ship in insulated container with ice pack. |
| Brucella Fluorescence Polarization Assay (FPA) Designed to meet export, and interstate shipping requirements where requested. For canines, see Canine Brucella in the Bacteriology section | 4.00 | Bacteriology | M - F | 1 - 2 days | 100 ul Serum, plasma, whole blood | Red top blood collection tube, serum separator tube | Refrigerate |
| Brucella Fluorescence Polarization Assay (FPA) Tube Test Designed to meet export, and interstate shipping requirements where requested; for canines, see Canine Brucella in the Bacteriology section. | 4.00 | Bacteriology | M - F | 1 - 2 days | 100 ul Serum, plasma, whole blood | Red top blood collection tube, serum separator tube | Refrigerate |
| Brucella Plate Agglutination Non-canine When required for export or emergencies ONLY | 25.00 /sample | Brucellosis | M-F | 1-6 days | 1) 2 mL serum; 2) clotted whole blood | 1-2) red top blood collection tube | Refrigerate. Ship in insulated container with ice pack. |
| Brucella Tube Agglutination Non-canine 48-hour incubation; to meet export, bull stud, and interstate shipping requirements; NOT FOR CLINICAL APPLICATIONS. For canines, see "Canine Brucella" in the Bacteriology section | 6.50 /animal | Brucellosis | M-W | 2-7 days | 1) 2 mL serum; 2) clotted whole blood | 1-2) red top blood collection tube | Refrigerate. Ship in insulated container with ice pack. |
| Cadmium (Atomic Absorption Spectroscopy - Graphite Furnace) | 35.00 | Toxicology | M-F | 3 days | 1) 2g tissue; 2) 100g feed | 1) sterile container; 2) any container | 1) Refrigerate; 2) none |
| Calcium Measures total calcium in serum, plasma and fluids. See Test Info and Protocols for more information | 11.00 /sample (blood, fluid) | Clinical Pathology | M-Sa | 1-2 days | 1) 1 mL separated serum or heparinized plasma; 2) fluid | Red top (non-anticoagulant) or green top (heparin) tube | Refrigerate. Ship overnight in insulated container with freezer packs |
| Calcium, urine Measures total calcium levels in urine. | 17.00 | Clinical Pathology | M-Sa | 1-2 days | 1 mL urine | Red top (non-anticoagulant) tube or plastic leakproof container | Refrigerate. Ship overnight in insulated container with freezer packs. |
| Campylobacter jejuni Culture For the isolation of Campylobacter jejuni. Test is also part of the Enteric Panel 2 and Enteric Panel 3. Antimicrobial susceptibilities are not applicable. Recent data has shown a dramatic shift among the species of Campylobacter involved in small ruminant and camelid abortion cases. Increases have been documented in the incidence of Campylobacter jejuni abortions with research showing that it has now replaced Campylobacter fetus subsp. fetus as the predominant cause of sheep abortions in the United States. We will continue to offer fluorescent antibody (FA) testing for Campylobacter fetus subsp. fetus, however the culture has been discontinued and replaced with Campylobacter jejuni culture. | 25.00 /sample | Bacteriology | M-S | 3-5 days | 1) Fresh feces or intestinal contents; 2) ligated loop of intestine; 3) Placenta (preferred) or fetal liver for small ruminant and camelid abortion cases; 4) Swab of 1 or 2 | 1-3) Sealed sterile separate containers (sterile preferred); 4) Swab in Amies transport media (w/charcoal preferred) | 1-2) Refrigerate |
| Cantharidin (Gas Chromatography/Mass Spectrometry) | 165.50 /sample | Toxicology | M-F | 1-3 days | 1) urine; 2) stomach contents, vomitus | 1-2) sterile, leak-proof container | Refrigerate w/ cool pack |

Animal Health Diagnostic Center Test and Fee Schedule

| Test Name | Test Fee | Discipline | Test Days | Lag** | Samples | Container | Coolant |
|---|-----------------------------|--------------------|-----------|----------|--|---|---|
| Cerebrospinal Fluid Cytology | 58.00 | Clinical Pathology | M - F | 1-2 days | 1) CSF in EDTA; 2) For best results also submit freshly made, rapidly air-dried, un-stained smears. 3) Also submit a red top tube if culture anticipated | 1) Purple top (EDTA tube), 2) red top (no anticoagulant) tube only if culture anticipated | Refrigerate fluids. Ship overnight in insulated container with freezer packs. Keep slide at room temperature; protect from chilling/coolant by insulating separately during shipment. |
| <p>Report includes - Specimen type and site (provided by submitter), Volume, Color, Turbidity, Nucleated cell count, RBC count, Smear type, Smear description, Smear Interpretation Specify if the sample is from the atlanto-occipital or lumbosacral region as result interpretation is dependent on site. Do not allow coolant to come in contact with specimen; ship overnight. STAT service available for same day results (extra charges apply). For additional information see Cytology Testing</p> | | | | | | | |
| Chloride | 9.00 /sample (blood, fluid) | Clinical Pathology | M-Sa | 1-2 days | 1) 1 mL separated serum or heparinized plasma; 2) fluid | Red top (non-anticoagulant) or green top (heparin) tube | Refrigerate. Ship overnight in insulated container with freezer packs. |
| See Test Info and Protocols for more information | | | | | | | |
| Chloride, urine | 16.50 | Clinical Pathology | M-Sa | 1-2 days | 1 mL urine | Red top (non-anticoagulant) tube or plastic leakproof container | Refrigerate. Ship overnight in insulated container with freezer packs. |
| Cholesterol | 13.00 /sample | Clinical Pathology | M-Sa | 1-2 days | 1) 1 mL separated serum or heparinized plasma; 2) fluid; | Red top (non-anticoagulant) or green top (heparin) tube | Refrigerate. Ship overnight in insulated container with freezer packs. |
| Dogs and cats should be fasted for around 12 hours to avoid cholesterol interference from post-prandial hyperlipidemia. See Test Info and Protocols for more information | | | | | | | |
| Cholinesterase | 8.50 /sample | Clinical Pathology | M-Sa | 1-2 days | 1) 1 mL separated serum or heparinized plasma; 2) fluid | Red top (non-anticoagulant) or green top (heparin) tube | Refrigerate. Ship overnight in insulated container with freezer packs |
| Measurement of cholinesterase activity in serum or plasma is a quick screening test indicated for animals with a history of possible exposure to organophosphate or carbamate compounds and/or that show clinical signs compatible with exposure. Remember that erythrocytes are rich in cholinesterase, therefore hemolysis invalidates the results. See Test Info and Protocols for more information. | | | | | | | |
| Clostridium chauvoei FA | 14.00 /sample | Bacteriology | M-F | 1-2 days | 1) 2-inch cube of affected muscle; 2) Swab from affected lesions | 1) Sealed sterile container; 2) Anaerobic transport media (BBL™ Port-a-cul™ or Anaerobic Systems ATM) | 1) Refrigerate; 2) DO NOT refrigerate |
| For the detection of Clostridium chauvoei by fluorescent antibody stain. Ship overnight. *May qualify for New York State contract pricing . | | | | | | | |
| Clostridium difficile Toxins (A/B) | 33.00 /sample | Bacteriology | M, W, F | 2 days | Fresh feces or tied-off loop of bowel (with contents) | Sealed sterile container. Swabs are NOT acceptable. | Refrigerate. Fresh samples must reach the lab within 24 hours of collection. If this is not possible, freeze immediately and ship overnight frozen on dry ice. |
| For the detection of Clostridium difficile toxins A and B by ELISA in enteric samples. *May qualify for New York State contract pricing. For investigational purposes only. The sensitivity of this Clostridium difficile toxin test is maximized by freezing fecal samples that can not be sent chilled to the lab to arrive the next day, since these toxins are heat labile. If you are requesting other testing on feces or colon contents, such as parasitology exams for which the sample should not be frozen, it requires having two separate fecal specimens. The specimen held over a night or weekend can be frozen, labeled as "held frozen" and shipped with extra insulation/freezer packs. A negative toxin test result on a sample that has not been handled in this way should be interpreted with caution as it may not reflect the actual disease status of the animal. Please consider the Foal Diarrhea/Septicemia Kit and Adult Equine Diarrhea Kit for equine submissions. | | | | | | | |
| Clostridium novyii FA | 14.00 /sample | Bacteriology | M-F | 1-2 days | 1) 2-inch cube of affected muscle; 2) Swab from affected lesions | 1) Sealed sterile container; 2) Anaerobic transport media (BBL™ Port-a-cul™ or Anaerobic Systems ATM) | 1) Refrigerate; 2) DO NOT refrigerate |
| For the detection of Clostridium novyii by fluorescent antibody stain. Ship overnight. *May qualify for New York State contract pricing . | | | | | | | |

Animal Health Diagnostic Center Test and Fee Schedule

| Test Name | Test Fee | Discipline | Test Days | Lag** | Samples | Container | Coolant |
|---|---------------|-------------------------|-------------------|------------|---|---|--|
| Clostridium perfringens Enterotoxin | 28.00 /sample | Bacteriology | M, W, F | 2 days | Fresh feces or tied-off loop of bowel (with contents) | Sealed sterile container. Swabs are NOT acceptable. | Refrigerate. Fresh samples must reach the lab within 24 hours of collection. If this is not possible, freeze immediately and ship overnight frozen on dry ice. |
| <p>For the detection of Clostridium perfringens enterotoxin by ELISA. This ELISA tests for only one of several possible toxins. Please also consider anaerobic culture. The sensitivity of this Clostridium perfringens toxin test is maximized by freezing fecal samples that can not be sent chilled to the lab to arrive the next day, since these toxins are heat labile. If you are requesting other testing on feces or colon contents, such as parasitology exams for which the sample should not be frozen, it requires having two separate fecal specimens. The specimen held over a night or weekend can be frozen, labeled as "held frozen" and shipped with extra insulation/freezer packs. A negative toxin test result on a sample that has not been handled in this way should be interpreted with caution as it may not reflect the actual disease status of the animal. Please consider the Foal Diarrhea/Septicemia Kit and Adult Equine Diarrhea Kit for equine submissions.</p> | | | | | | | |
| Clostridium septicum FA | 14.00 /sample | Bacteriology | M-F | 1-2 days | 1) 2-inch cube of affected muscle; 2) Swab from affected lesions | 1) Sealed sterile container; 2) Anaerobic transport media (BBL™ Port-a-cul™ or Anaerobic Systems ATM) | 1) Refrigerate; 2) DO NOT refrigerate |
| <p>For the detection of Clostridium septicum by fluorescent antibody stain. Ship overnight. *May qualify for New York State contract pricing .</p> | | | | | | | |
| Clostridium sordellii FA | 14.00 /sample | Bacteriology | M-F | 1-2 days | 1) 2-inch cube of affected muscle; 2) Swab from affected lesions | 1) Sealed sterile container; 2) Anaerobic transport media (BBL™ Port-a-cul™ or Anaerobic Systems ATM) | 1) Refrigerate; 2) DO NOT refrigerate |
| <p>For the detection of Clostridium sordelli by fluorescent antibody stain. Ship overnight. *May qualify for New York State contract pricing .</p> | | | | | | | |
| Clotting Factor (07) FVII Activity, Large-Exotic | 34.00 | Comparative Coagulation | | 2-3 days | 2 mL separated citrate plasma | plastic or siliconized glass tube in styrofoam box | Refrigerate |
| Clotting Factor (09) FIX Activity, Large/Exotic | 34.00 | Comparative Coagulation | M-F | 2-3 days | 2 mL separated citrate plasma | plastic or siliconized glass tube in styrofoam box | Refrigerate |
| <p>Factor IX coagulant activity</p> | | | | | | | |
| Clotting Factor (10) FX Activity, Large-Exotic | 34.00 | Comparative Coagulation | M-F | 2-3 days | 2 mL separated citrate plasma | plastic or siliconized glass tube in styrofoam box | Refrigerate |
| <p>The measurement of Factor X coagulant activity in large and exotic animals.</p> | | | | | | | |
| Clotting Factor (11) FXI Activity, Large-Exotic | 34.00 | Comparative Coagulation | M-F | 2-3 days | 2 mL separated citrate plasma | plastic or siliconized glass tube in styrofoam box | Refrigerate |
| <p>The measurement of Coagulant Factor XI in large and exotic animals</p> | | | | | | | |
| Clotting Factor (12) FXII Activity, Large-Exotic | 34.00 | Comparative Coagulation | M-F | 2-3 days | 2 mL separated citrate plasma | plastic or siliconized glass tube in styrofoam box | Refrigerate |
| <p>The measurement of Coagulation Factor XII in large and exotic animals.</p> | | | | | | | |
| Clotting Factor (13) FXIII Deficiency Screening | 56.00 | Comparative Coagulation | Monday - Thursday | 1 - 3 days | citrate plasma | plastic or siliconized glass tube in styrofoam box | Refrigerate |
| <p>Requires submission of paired sample from same-species control animal</p> | | | | | | | |
| Coagulation Panel, Large Animal | 42.50 | Comparative Coagulation | M-F | same day | 2 mL separated citrate plasma | plastic or siliconized glass tube in styrofoam box | Refrigerate/ship on cold pack |
| <p>Incl. aPTT, PT, Fibrinogen Ship Overnight: for additional info on Submission Guidelines, or see Comp Coag web page</p> | | | | | | | |
| Copper, serum/plasma | 25.00 /sample | Toxicology | M-F | 3 days | 1) 2 mL serum; 2) or transfer 2 mL heparinized plasma into a red top tube | 1-2) Red top tube, no gel clot | 1-2) Refrigerate. Ship in insulated container with ice pack. |
| <p>Contact Lab for specifics for avian and very small animals</p> | | | | | | | |

Animal Health Diagnostic Center Test and Fee Schedule

| Test Name | Test Fee | Discipline | Test Days | Lag** | Samples | Container | Coolant |
|---|--|-----------------------|---------------|---------------|---|--|--|
| Coronavirus PCR, Alpha The alpha coronavirus PCR employed by the AHDC will detect feline enteric coronavirus, canine enteric coronavirus, ferret or mink coronavirus, and swine coronavirus - AKA transmissible gastroenteritis virus. For species specific testing information please see Coronavirus PCR Guidelines. | 36.75 | Molecular Diagnostics | M-F as needed | 2-3 days | 1) EDTA blood, serum (min. 2 mL); 2) tissue (min. 5 g); 3) ascites or body fluid (min. 2 mL); 4) feces (min 5 g) | unbreakable, leak-proof container | Refrigerate. Ship in insulated container with ice pack. |
| Corticosteroids, Drug Screen Qualitative (ID) screen for corticosteroids. Special request only ; contact Lab. Drugs covered in this screen include: Dexamethasone/Betamethasone, Methylprednisolone, Prednisolone, Prednisone, Flumethasone, Triamcinolone. | 331.00 /sample | Toxicology | M-F | 5 days | 1) 10 ml heparin whole blood, 2) 5 ml plasma or serum, no gel clot | 1) Heparinized tube, no gel clot; 2) red top blood collection tube; 3) sterile container | 1-3) Refrigerate w/ cool pack |
| Creatine kinase CK, CPK See Test Info and Protocols for more information | 8.50 /sample | Clinical Pathology | M-Sa | 1-2 days | 1) 1 mL separated serum or heparinized plasma; 2) fluid; 3) 2 mL urine | Red top (non-anticoagulant) or green top (heparin) tube | Refrigerate. Ship overnight in insulated container with freezer packs |
| Creatinine See Test Info and Protocols for more information | 11.00 /sample (blood, fluid) | Clinical Pathology | M-Sa | 1-2 days | 1) 1 mL separated serum or heparinized plasma; 2) fluid | Red top (non-anticoagulant) or green top (heparin) tube | Refrigerate. Ship overnight in insulated container with freezer packs |
| Creatinine, urine | 19.00 | Clinical Pathology | M-Sa | 1-2 days | 1 mL urine | Red top (non-anticoagulant) tube or plastic leakproof container | Refrigerate. Ship overnight in insulated container with freezer packs |
| Cryptosporidium ELISA ELISA plus Centrifugation Concentration Flotation with Sugar and/or Zinc Sulfate. Fecal Qualitative or Quantitative exam will be performed with each ELISA at an additional fee. This ELISA cannot be requested alone. If both Cryptosporidium and Giardia ELISA's are ordered, only one flotation will be performed and charged. | 25.00 | Parasitology | Mon, Thur | 1-3 days | feces | wide mouth leak-proof container | Refrigerate |
| Cryptosporidium Spp real-time PCR This real-time PCR assay detects the 18S rRNA gene of pathogenic Cryptosporidium species according to the method published by Operario et al. Am J Trop Med Hyg. 2015. This test is intended primarily for research applications at this time. Please contact lab for volume discounts. Ct values at or below 28 are more likely to be associated with active diarrhea. Ct values above 32 are less likely to be associated with diarrhea. | 36.75 | Molecular Diagnostics | M-F | 3-5 days | Feces, intestinal tissue | Sealed vial or container in a secondary container | Refrigerate. Ship in insulated container with ice pack. |
| Cyanide 1-2) Refrigerate promptly; Cannot analyze in plasma or serum - Need whole blood. Do not use heparin separator tubes (gel tubes) | 55.25 /sample | Toxicology | M-F | 2 days | 1) 10 mL EDTA whole blood; 2) 10 mL heparinized whole blood; 3) 50g stomach contents; 4) 100g forage, silage, or other material 3-4) freeze samples promptly, keep samples cold in transit; special request only, contact Lab to make arrangements | Heparinized or EDTA tube; air-tight container | 1-2) Refrigerate; 3-4) freeze |
| Cytology Smear Exam Report includes - Specimen type and site (provided by submitter), Smear type, Smear description, Smear Interpretation | 48.00 | Clinical Pathology | M - F | 1-2 days from | At least 2 unstained smears. Label slides in pencil with the patient name and sampled site. | Ship slides in a plastic or cardboard slide holder to prevent from breaking in transit, and a purple top (EDTA) tube, if submitting fluid. | Refrigerate fluids only; ship in insulated container with freezer pack for next day delivery. Hold smears/slides at room temperature; protect from chilling/coolant by insulating separately during shipment |
| Dermatology Biopsy Surcharge For Dermatology biopsies (up to 5 sites) Up to 5 sites or tissue punches. Please refer to Dermatology Service for more detailed information regarding dermatology submissions. | 30.00 in addition to standard biopsy fee. Must be submitted on Dermatohistopathology form. | Anatomic Pathology | M - F | 4 - 10 days | 0.5 to 1.0 cm thick section of tissue fixed in 10% neutralized formalin, 10:1 formalin to tissue ratio. | Wide-mouth, leakproof, unbreakable jar; NOT GLASS | room temperature; protect from freezing |

Animal Health Diagnostic Center Test and Fee Schedule

| Test Name | Test Fee | Discipline | Test Days | Lag** | Samples | Container | Coolant |
|---|------------------------------|-------------------------|-----------|---------------|--|--|--|
| DIC Panel, Large Animal and Exotics Includes aPTT, PT, Fibrinogen, Antithrombin, D-dimer Ship Overnight: for additional info on Submission Guidelines, or see Comp Coag web page | 103.00 | Comparative Coagulation | M-F | same day | 2 mL separated citrate plasma | plastic or siliconized glass tube in styrofoam box | Refrigerate/ship on cold pack |
| Dilute Russell's Viper Venom Time Ship Overnight: for additional info on Submission Guidelines, or see Comp Coag web page | 15.50 | Comparative Coagulation | M-F | same day | citrate plasma | plastic or siliconized glass tube in styrofoam box | Refrigerate/ship on cold pack |
| Drug Quantitation Special request only, contact Lab | 165.50 per hour | Toxicology | M-F | 5 days | 1) 10 mL heparin plasma transferred to red top; 2) 20 mL heparin whole blood; 3) 50 mL urine | 1) red top blood collection tube; 2) Heparinized tube, no gel clot; 3) sterile container | 1-3) Refrigerate w/ cool pack |
| Electrolytes Panel Na, K, Cl Test reference ranges can be found at Clinpath Reference Intervals. For more information, see Chemistry Panel Information | 17.00 /sample (blood, fluid) | Clinical Pathology | M-Sa | 1-2 days | 1) 1 mL separated serum or heparinized plasma; 2) fluid | Red top (non-anticoagulant) or green top (heparin) tube | Refrigerate. Ship overnight in insulated container with freezer packs |
| Electrolytes Panel, urine Na, K, Cl, Creat For more information, see Chemistry Panel Information. | 31.00 | Clinical Pathology | M-Sa | 1-2 days | 2 mL urine | Red top (non-anticoagulant) tube or plastic leakproof container | Refrigerate. Ship overnight in insulated container with freezer packs |
| Electrophoresis, blood For test interpretation, refer to eclinpath.com | 60.00 | Clinical Pathology | 1x/wk | 7-10 days | 1) 1 mL separated serum; 2) heparinized plasma for exotics/avian only | Red top (non-anticoagulant) tube. Green top (heparin) tube for exotics only. | Refrigerate |
| Electrophoresis, fluid All species; please specify site of fluid collection | 60.00 | Clinical Pathology | 1x/wk | 7-10 days | Body fluids. Please specify site. | Red top (non-anticoagulant) tube | Refrigerate |
| Electrophoresis, urine | 60.00 | Clinical Pathology | 1x/wk | 7-10 days |) 5-7 mL urine | Red top (non-anticoagulant) tube | Refrigerate |
| Encephalomyocarditis SN Serum neutralization Serum samples are stable at room temperature for several days. If longer, refrigerate or freeze. Paired serum samples are recommended for optimal diagnostic test interpretation. | 16.50 /sample | Virology | as needed | 5-9 days | 1 ml serum | red top blood collection tube | It is recommended to ship samples with an ice pack. |
| Encephalomyocarditis Virus FA Fluorescent antibody | 25.00 /animal | Virology | M-F | 2-4 days | Fresh heart, brain, spleen | Sealable plastic bag or container | Ship in insulated container with ice pack |
| Encephalomyocarditis Virus Isolation Virus isolation Swabs in bacterial transport medium are not appropriate for virus isolation or PCR testing. | 70.00 /animal | Virology | M-F | 21-30 days, s | Fresh heart, brain, spleen | Sealable plastic bag or container | Ship in insulated container with ice pack |
| Enteric Bacteriology Cultures, Panel 1 Includes aerobic culture [E. coli, Rhodococcus (foals only), Shigella (primates only)], and Salmonella culture. *May qualify for New York State contract pricing. Aerobic culture not tested on calves over 10 days of age. Antimicrobial Susceptibility (MIC) are not included in the testing fee. Please consider the Foal Diarrhea/Septicemia Kit for foal submissions. | 62.00 /sample | Bacteriology | M-Sa | 3-7 days | 1) Fresh feces or intestinal contents; 2) Ligated ileum or jejunum; 3) Mesenteric lymph node; 4) Swab of 1-3 | 1) Sealed, sterile container or ParaPak; 2-3) Sealed sterile container; 4) Swab in Amies transport media | 1-3) Refrigerate. Ship in insulated container with ice pack. EXCEPT ParaPak, which is shipped at room temperature and protected from temperature extremes. |

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* Each accession received will be charged a \$5.00 accessioning fee, in addition to the requested testing. Fees are subject to change without notice, please call the lab if you have any questions. Contract pricing available. For information please refer to <https://ahdc.vet.cornell.edu/billing/contract.cfm>
** "Lag Time" is counted in business days, unless otherwise specified, from the day the specimen arrives until the day the test result is reported, assuming there are no complications with testing.

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Animal Health Diagnostic Center Test and Fee Schedule

| Test Name | Test Fee | Discipline | Test Days | Lag** | Samples | Container | Coolant |
|--|----------------------------|-------------------------|-----------|----------|--|--|--|
| Enteric Bacteriology Cultures, Panel 2 | 87.00 /sample | Bacteriology | M-Sa | 3-7 days | 1) Fresh feces or intestinal contents; 2) Ligated ileum or jejunum; 3) Mesenteric lymph node; 4)Swab of 1-3 | 1) Sealed, sterile container or ParaPak; 2-3) Sealed sterile container; 4)Swab in Amies transport media | 1-3) Refrigerate. Ship in insulated container with ice pack. EXCEPT ParaPak, which is shipped at room temp and protected from temperature extremes. |
| Includes aerobic culture [E. coli, Rhodococcus (foals only), Shigella (primates only)], Salmonella culture and Campylobacter jejuni culture. Antimicrobial Susceptibility (MIC) are not included in the testing fee. Susceptibilities not applicable to Campylobacter jejuni. | | | | | | | |
| Enteric Bacteriology Cultures, Panel 3 | 132.00 /test | Bacteriology | M-Sa | 3-7 days | 1) Anaerobic transport media inoculated with swab of fresh feces or intestinal contents; or 2) Ligated ileum or jejunum; and/or 3) Mesenteric lymph node | 1) Anaerobic transport media** (BBL™ Port-a-cul™ or Anaerobic Systems ATM); or 2-3) Sealed sterile container | 1) DO NOT Refrigerate anaerobic transport media tubes or vials; 2-3) Tissues are ideally held and shipped frozen with sufficient insulation and freezer packs to arrive next day and very cold; refrigerated temperatures are acceptable only for tissue samples delivered to the lab within 24 hours of collection. |
| Includes aerobic culture [E. coli, Rhodococcus (foals only), Shigella (primates only)], Salmonella culture, Campylobacter jejuni culture, anaerobic culture [Clostridium perfringens (all species) and Clostridium difficile* (foals and primates only)] Antimicrobial Susceptibility (MIC) are not included in the testing fee. Susceptibilities are not applicable to Campylobacter jejuni and Clostridia species. *Culture for Clostridium difficile in other species available by request only. **Anaerobic Transport medias (e.g. BBL™ Port-a-cul™ or Anaerobic Systems ATM) are suitable for most aerobic cultures, including for the aerobes of concern in enteric infections. Despite labelling to the contrary, culture systems containing Amies transport media or Stuart transport media are inappropriate as transport systems for anaerobic culturing. Swabs transported without any transport media are unsuitable for both aerobic and anaerobic culture. | | | | | | | |
| Environmental Samples (for parasites) | 25.00 See comments for fee | Parasitology | M-F | 1-7 days | Please contact Lab before submitting sample to determine if sample is appropriate for testing. | | |
| Please contact Lab: fee depends on parasite of interest, type of sample submitted, and processing required | | | | | | | |
| Ethylene Glycol | 55.00 /sample | Toxicology | M-F | 2 days | 1) 10 mL heparin whole blood; 2) 10 mL EDTA whole blood; 3) urine; 4) food materials; 5) stomach contents | 1,2) Heparinized or EDTA tube, no gel clot3-5) sterile, leak-proof container | 1-5) Refrigerate w/ cool pack |
| Special request only, contact Lab | | | | | | | |
| Fecal Qualitative | 25.00 | Parasitology | M-F | 1-3 days | 10g fresh fecal sample, animal 3 days of age or older | Plastic leakproof container | Freezer Packs. Ship Next Day Delivery |
| A double centrifugation concentration fecal flotation with sugar and/or zinc sulfate solution used as a general test for evaluating feces for parasitic infections. The qualitative fecal flotation, using a double centrifugation concentration technique, is a general broad based test for evaluating feces for parasitic infections. It indicates the presence or absence of patent protozoan or worm infections in domestic and wild animals of all species. Samples from individual animals are preferred. Composite samples tell when there is a parasite problem, but not the animals that are particularly affected. In this laboratory, all samples are actively floated (centrifuged) using a sugar solution (1.33 specific gravity). Zinc sulfate solution (1.18 specific gravity) is used also for samples from small animals, animals under six months of age, and when delicate protozoa, such as Giardia, or worms, such as nematode larvae, are of concern. Using these flotation media, protozoan cysts and worm eggs and larvae are recovered for microscopic evaluation. When submitting a sample provide a sufficient sample to make a diagnosis possible, and include a history of the health concerns related to the animal(s) from which the sample(s) are collected. For best results, collect fresh samples, keep them refrigerated, and submit them for examination within seven days of collection. Samples that are preserved in 10% formalin or 70% alcohol can also be submitted, but the preservative may compromise the quality of the sample for parasite detection. | | | | | | | |
| Fecal Quantitative | 25.00 | Parasitology | M-F | 1-3 days | 10g fresh fecal sample, animal 3 days of age or older | wide mouth leak-proof container | Refrigerate |
| Centrifugation Concentration Flotation with Sugar and/or Zinc Sulfate solution. Primarily used to examine feces of camelids, horses, and ruminants, but other species may be requested. Reported as the number of cysts/ oocysts/ eggs/ larvae per gram. Samples for animals under 3 days of age will not be tested. | | | | | | | |
| Fecal Wet Mount | 5.50 | Parasitology | M-F | 1 day | 10g fresh fecal sample | wide mouth leak-proof container | Do NOT Refrigerate |
| Was previously called "Direct Fecal Smear" Exam for motile parasites. This test for Cornell CUHA only (must be read within 1 hr of fecal production by host). See Trich. Fecal Exam, Staining for Other Protozoa, or Giardia ELISA | | | | | | | |
| Fibrinogen | 22.00 | Comparative Coagulation | M-F | same day | 1 mL separated citrate plasma | plastic or siliconized glass tube in styrofoam box | Refrigerate/ship on cold pack |
| Quantitative measure of clottable fibrinogen (Clauss method) Ship Overnight; for additional info on Submission Guidelines, or see Comp Coag web page | | | | | | | |

Animal Health Diagnostic Center Test and Fee Schedule

| Test Name | Test Fee | Discipline | Test Days | Lag** | Samples | Container | Coolant |
|--|---|-------------------------|-----------|-----------|---|---|--|
| Fibrinogen (antigen) <small>Fibrinogen concentration; ELISA method Ship Overnight; for additional info on Submission Guidelines, or see Comp Coag web page</small> | 43.00 | Comparative Coagulation | Tu, F | 1-3 days | 1 mL separated citrate plasma | plastic or siliconized glass tube in styrofoam box | Refrigerate/ship on cold pack |
| Fibrinogen (heat-precipitation) <small>Formerly named Fibrinogen (Schalm's) Do not allow coolant to come in contact with specimen. This test is not recommended for small animals due to its inaccuracy and insensitivity. The preferred method for small animals is measurement of clottable fibrinogen (citrate plasma) offered in the Comparative Coagulation lab. Test reference ranges can be found at Clinpath Reference Intervals. For test interpretation, refer to eclinpath.com/hemostasis</small> | 16.00 | Clinical Pathology | M-Sa | 1-2 days | EDTA blood (> 1/2 full) | lavender top tube | Refrigerate. Ship overnight in insulated container with freezer packs. |
| Field Necropsy Surcharge <small>For necropsied animals it is always recommended to submit a complete set of tissues representing major organ systems and any sites potentially involved based upon clinical history, ante-mortem testing, or post-mortem gross lesions. Tissues will be selected for histopathological examination based upon the clinical history and gross description provided, at the discretion of the pathologist. A clinical history for the individual animal and potentially also for the herd or population from which the animal originates is very important. Also indicate if the animal was euthanized. This charge will be added to any histopathology request on ante-mortem tissues unless deemed unnecessary by the reviewing pathologist, in which case only a standard histopathology charge will be applied.</small> | 56.00 in addition to standard histopathology fee. | Anatomic Pathology | M-F | 4-10 days | 0.5 to 1.0 cm thick section of tissue fixed in 10% neutralized formalin, 10:1 formalin to tissue ratio. | Wide-mouth, leakproof, unbreakable jar; NOT GLASS | room temperature; protect from freezing |
| Fluphenazine (LC/MS) <small>(Liquid Chromatography/Mass Spectrometry) Liquid Chromatography/Mass Spectrometry (LC/MS)</small> | 165.50 /sample | Toxicology | M-F | 1-3 days | 1) 10 mL heparine whole blood; or 2) 5 mL heparine plasma transferred to red top tube | Heparinized tube, no gel clot | Refrigerate with cold pack |
| Formalin-fixed tissue extraction surcharge (Molecular Diagnostics 20.00) <small>Surcharge added to fixed tissues due to the extra labor and materials needed for the nucleic acid extraction procedure.</small> | | Molecular Diagnostics | M-F | | Formalin-fixed tissues | | Room temp |
| Fructosamine <small>See Test Info and Protocols for more information</small> | 36.00 | Clinical Pathology | M-Sa | 1-2 days | 1 mL separated serum | red top blood collection tube | Refrigerate. Ship overnight in insulated container with freezer packs |
| Fungal Culture <small>For the isolation of yeasts, dermatophytes and other filamentous fungi. *May qualify for New York State contract pricing. **Swabs are not encouraged for tissues or body fluids. Keep tissues moist. Ship overnight. Antifungal susceptibilities are not included in the testing fee.</small> | 47.00 /sample | Bacteriology | M-F | 28+ days | 1)Nails, skin scrapings or 10-12 hairs from border of lesion; combings from asymptomatic cats (dermatophytes); 2)Fresh tissue or body fluids (systemic fungi/yeast); 3)Ear (yeast); 4) Swab of lesion, tissue, fluid or ear | 1) DRY sterile sealed container (e.g. closed urine cup or envelope); 2) Fluid or tissue in Sterile, sealed container (e.g. red top blood collection tube); 4) Swab in Amies transport media** | 1) Not required; 2) Refrigerate |
| Fungal ID <small>For the identification of pure fungal isolates (filamentous fungi or yeast). Submissions accepted from Laboratories only. Ensure purity before shipment. Follow all biohazard shipping regulations. Provide animal history and suspected identification if possible. Antifungal susceptibilities are not included in the testing fee.</small> | 47.00 /isolate | Bacteriology | M-F | 28+ days | Fungal isolate (pure culture) | Agar slant or plate (sealed) | Refrigerate |
| Fungal KOH Fluorescent Stain <small>For the direct microscopic examination for yeast and fungi. *May qualify for New York State contract pricing . Swabs are not acceptable</small> | 12.00 /sample | Bacteriology | M-F | 1-2 days | 1)Nails, skin scrapings or 10-12 hairs from border of lesion; combings from asymptomatic cats (dermatophytes); 2)Fresh tissue or body fluids (systemic fungi/yeast); 3)Prepared slide | 1) DRY sterile sealed container (e.g. closed urine cup or envelope); 2) Sterile sealed container (e.g. red top blood collection tube); 3) Slide mailer | 1,3) Not Required; 2) Refrigerate |
| Fungal Serology Panel <small>For the detection of antibody to Histoplasma, Blastomyces, Coccidioides and Aspergillus (AGID) and Cryptococcus antigen in serum. Tests can be requested individually. See Histoplasma AGID, Blastomyces AGID, Coccidioides AGID, Aspergillus AGID or Cryptococcus antigen.</small> | 64.00 | Bacteriology | M, W, F | 3-5 days | 1) Serum; 2) Cerebrospinal fluid (for Cryptococcus antigen only) | 1) Red top blood collection tube; 2) Sealed sterile container | 1-2) Refrigerate |

Animal Health Diagnostic Center Test and Fee Schedule

| Test Name | Test Fee | Discipline | Test Days | Lag** | Samples | Container | Coolant |
|--|------------------------------|--------------------|-----------|----------------|---|---|--|
| Fungal Serology: Aspergillus Antibody For the detection of Aspergillus antibody in serum by AGID. Test is also part of the Fungal Serology Panel. | 16.00 /sample | Bacteriology | M, W, F | 3-5 days | Serum | Red top blood collection tube | Refrigerate. Ship in insulated container with ice pack. |
| Fungal Serology: Blastomyces Antibody For the detection of Blastomyces antibody in serum by AGID. Test is also part of the Fungal Serology Panel. | 16.00 /sample | Bacteriology | M, W, F | 3-5 days | Serum | Red top blood collection tube | Refrigerate. Ship in insulated container with ice pack. |
| Fungal Serology: Coccidioides Antibody For the detection of Coccidioides antibody in serum by AGID. Test is also part of the Fungal Serology Panel. | 16.00 /sample | Bacteriology | M, W, F | 3-5 days | Serum | Red top blood collection tube | Refrigerate |
| Fungal Serology: Cryptococcus Antigen For the detection of antigen to Cryptococcus spp. in serum. Test is also part of the Fungal Serology Panel. | 22.00 /sample | Bacteriology | M-F | 1 day | 1) Serum; 2) Cerebrospinal fluid | 1) Red top blood collection tube; 2) Sealed sterile container | 1-2) Refrigerate |
| Fungal Serology: Histoplasma Antibody For the detection of Histoplasma antibody in serum by AGID. Test is also part of the Fungal Serology Panel. | 16.00 /sample | Bacteriology | M, W, F | 3-5 days | Serum | Red top blood collection tube | Refrigerate |
| Fungal Susceptibility This test includes Amphotericin B, 5-Flucytosine, Anidulafungin, Caspofungin, Micafungin, Fluconazole, Itraconazole, Posaconazole, Voriconazole *May qualify for New York State contract pricing. **Swabs are not encouraged for tissues or body fluids. Susceptibilities will NOT be performed on dermatophytes or other slow growing fungi. Fungal culture MUST be performed to recover an isolate before testing can be done. ***Lag time may be longer if isolation is required. From time of isolation: 5-6 days for yeast, 12-14 days for filamentous fungi. | 68.00 /isolate | Bacteriology | M-TW | 6 days for pur | 1) Fresh tissue or body fluids (for filamentous fungi and yeasts to assess systemic infection); 2) Fungal isolate (pure culture) – yeast or fast growing filamentous fungi ONLY | 1) Sealed sterile container (preferred) or *Amies transport media (swab); 2) Agar slant or plate (sealed) | 1) Refrigerate; 2) Not required |
| Gamma Glutamyl Transferase (GGT) See Test Info and Protocols for more information | 9.50 /sample (blood, fluid) | Clinical Pathology | M-Sa | 1-2 days | 1) 1 mL separated serum or heparinized plasma; 2) fluid | Red top (non-anticoagulant) or green top (heparin) tube | Refrigerate. Ship overnight in insulated container with freezer packs. |
| Gamma Glutamyl Transferase (GGT), urine | 17.00 | Clinical Pathology | M-Sa | 1-2 days | 1 mL urine | Red top (non-anticoagulant) tube or plastic leakproof container | Refrigerate. Ship overnight in insulated container with freezer packs. |
| Giardia ELISA ELISA plus Centrifugation Concentration Flotation with Sugar and/or Zinc Sulfate. A Fecal Qualitative or Quantitative exam will be performed with each ELISA at an additional fee. This ELISA cannot be requested alone. If both Cryptosporidium and Giardia ELISA's are ordered, only one flotation will be performed and charged. | 25.00 | Parasitology | Mon, Thur | 1-3 days | feces | wide mouth leak-proof | Refrigerate |
| Glucose Glucose levels in blood and fluids Delayed serum separation or submission of whole blood (cells on serum or plasma) results in a falsely decreased (uninterpretable) glucose. Serum should also be removed promptly from serum separator tubes and placed into a new red top tube. See Test Info and Protocols for more information | 11.00 /sample (blood, fluid) | Clinical Pathology | M-Sa | 1-2 days | 1) 1 mL separated serum, EDTA plasma, or heparinized plasma; 2) fluid | Red top (non-anticoagulant), green top (heparin), or purple top (EDTA) tube | Refrigerate. Ship overnight in insulated container with freezer packs. |
| Glucose, urine | 17.00 | Clinical Pathology | M-Sa | 1-2 days | 1 mL urine | Red top (non-anticoagulant) tube or plastic leakproof container | Refrigerate. Ship overnight in insulated container with freezer packs |
| Glutamate Dehydrogenase, blood See Test Info and Protocols for more information. | 8.50 | Clinical Pathology | M-Sa | 1-2 days | 1) 1 mL separated serum or heparinized plasma; 2) fluid | Red top (non-anticoagulant) or green top (heparin) tube | Refrigerate. Ship overnight in insulated container with freezer packs. |

Animal Health Diagnostic Center Test and Fee Schedule

| Test Name | Test Fee | Discipline | Test Days | Lag** | Samples | Container | Coolant |
|---|--------------|-------------------------|-----------|------------|--|--|---|
| Gram Stain | 8.50 /sample | Bacteriology | M-F | 1-2 days | 1) Affected tissue, lesion or fluid; 2) Prepared slide | 1) Affected tissue, lesion or fluid in sealed sterile container; 2) Slide mailer | 1) Refrigerate; 2) Not required |
| <p>For the direct microscopic examination for bacteria. *May qualify for New York State contract pricing. Please consider using the Foal Diarrhea/Septicemia Kit and Adult Equine Diarrhea Kit for equine submissions. Specific bacteria cannot be definitively identified by this test.</p> | | | | | | | |
| Hemoglobin (HGB) | 7.00 | Clinical Pathology | M-Sa | 1-2 days | EDTA blood (> 1/2 full) | lavender top tube | Refrigerate. Ship overnight in insulated container with freezer packs. |
| <p>Do not allow coolant to come in contact with specimen; ship Overnight. Test reference ranges can be found at Clinpath Reference Intervals. For test interpretation, refer to eclnpath.com</p> | | | | | | | |
| Hemogram (CBC), Automated (Mammalian) | 18.50 | Clinical Pathology | M-Sa | 1-2 days | 1) EDTA blood (> 1/2 full) AND 2) 2 dry (unfixed, unstained) blood smears | 1) lavender top tube; 2) frosted-end slides | 1) Refrigerate blood; ship in insulated container with freezer pack for next day delivery. Hold slides at room temperature; protect from chilling/coolant by insulating separately during shipment. |
| <p>WBC, RBC, HgB, HCT, MCV, MCH, MCHC, RDW, Plate Count, MPV, Automated Differential Cell Count Do not allow coolant to come in contact with specimen or slides; ship overnight. For additional info on Clin Path panels Test reference ranges can be found at Clinpath Reference Intervals. For instructions on making blood smears see https://ahdc.vet.cornell.edu/Sects/ClinPath/sample/test/hema.cfm#Bloodsmear</p> | | | | | | | |
| Hemogram (CBC), Partial | 11.50 | Clinical Pathology | M-Sa | 1-2 days | 1) EDTA blood (> 1/2 full) AND 2 dry, unfixed, unstained blood smears | 1) lavender top tube; 2) frosted-end slides | Refrigerate purple top tube. Ship overnight in insulated container with freezer packs. Keep slides at room temperature; protect from chilling/coolant by insulating separately during shipment. |
| <p>WBC, RBC, HgB, Platelet Count, PCV, MPV, RDW, MCH, MCHC, MCV Do not allow coolant to come in contact with specimen or slides; ship overnight. For additional information see Hematology Testing. Test reference ranges can be found at Clinpath Reference Intervals.</p> | | | | | | | |
| Hemogram, Large Animal | 41.00 | Clinical Pathology | M - Sa | 1 - 2 days | EDTA blood (tube >1/2 full) AND 2 unstained, unfixed, air-dried blood smears | 1) lavender top tube; 2) frosted-end slides | Refrigerate blood; ship in insulated container with freezer packs for next day delivery. Hold slides at room temperature; protect from chilling/coolant by insulating separately during shipment |
| <p>WBC, RBC, HgB, HCT, MCV, MCH, MCHC, RDW, Plate Count, MPV, Morphology, Manual Differential Cell Count, Plate Smear est, Plasma Appearance, TP Protect slides from chilling/coolant during storage/shipment. Test reference ranges can be found at Clinpath Reference Intervals. For instructions on making blood smears see https://ahdc.vet.cornell.edu/Sects/ClinPath/sample/test/hema.cfm#Bloodsmear</p> | | | | | | | |
| Heparin (Low Molecular Weight) | 39.25 | Comparative Coagulation | M-F | same day | citrate plasma | plastic or siliconized glass tube in styrofoam box | Refrigerate/ship on cold pack |
| <p>Anti-Xa activity of low molecular weight heparin Ship Overnight; for determination of peak anti-Xa values, collect sample 2-3 hrs (cat) or 3-4 hrs (dogs) after heparin dose. For additional info on Submission Guidelines, or see Comp Coag web page. Also see Heparin Assay FAQs.</p> | | | | | | | |
| Heparin (Unfractionated) | 39.25 | Comparative Coagulation | M-F | same day | 0.5 to 1.0 mL separated citrate plasma | plastic or siliconized glass tube in styrofoam box | Refrigerate/ship on cold pack |
| <p>Anti-Xa activity of unfractionated heparin Ship overnight; specify UFH or LMWH; for additional info on Submission Guidelines, or see Comp Coag web page. Also see Heparin Assay FAQs. Peak and trough values: samples for determination of Peak anti-Xa activity should be collected at 3 to 4 hours post treatment (dogs) or 2 to 3 hours post treatment (cats). Samples for Trough levels should be collected just before the next scheduled dose.</p> | | | | | | | |

Animal Health Diagnostic Center Test and Fee Schedule

| Test Name | Test Fee | Discipline | Test Days | Lag** | Samples | Container | Coolant |
|---|---|--------------------|-----------|-----------|--|---|---|
| Histopathology | 80.00 for 1-2 sites; Additional charges apply for submissions including more than 2 sites, specialty services such as dermatology or hepatopathology consults (liver consults), complex submissions, or field necropsies as described below. STAT not available on all submissions. Please contact in advance for availability at 607-253-3319 or pathologyservice@cornell.edu. | Anatomic Pathology | M-F | 4-10 days | 0.5 to 1.0 cm thick section of tissue fixed in 10% neutralized formalin, 10:1 formalin to tissue ratio. | Wide-mouth, leakproof, unbreakable jar; NOT GLASS | room temperature; protect from freezing |
| <p>Microscopic examination of formalin fixed, paraffin embedded tissue slides with hematoxylin and eosin staining. Additional special stains, including up to two immuno-histochemistry (IHC) stains, will be added if deemed necessary by the pathologist. Additional IHC stains may be requested for an additional fee.</p> <p>The 1-2 site fee is intended for surgical biopsies and is the baseline charge for the special biopsy categories below. Surcharges for these will be added to the surgical biopsy fee based on the following criteria: Dermatology: Biopsies can include up to five sites or tissue punches. An additional consult charge of \$15 will be applied. Please use the Dermatohistopathology form for these requests. Refer to Dermatohistopathology for more information. Hepatopathology: Enhance liver consultations for canine and feline liver biopsies are available on a per request basis. Please go to Hepatopathology Service for complete information. STAT service is NOT available for hepatopathology. Special/Augmented biopsies: Intended for complex submissions of entire organs, lobes, systems, tumor beds, limbs, jaws, etc. This includes research/insurance/legal cases for which every single tissue submitted must be described histologically and the selection of the tissues is not at the discretion of the pathologist. It may also include complicated submissions of entire organs or tumor beds or lymphatic samples that need exact tracking of site of collection for multiple samples of the same tissue type. Please call 607-253-3319 in advance to discuss research histology needs or for price quotes related to these types of submissions. Field Necropsy: An additional fee of \$56 will be added to field necropsy submissions when warranted. For necropsied animals it is always recommended to submit a complete set of tissues representing major organ systems and any sites potentially involved based upon clinical history, ante-mortem testing, or post-mortem gross lesions. Tissues will be selected for histopathological examination based upon the clinical history and gross description provided, at the discretion of the pathologist. A clinical history for the individual animal and potentially also for the herd or population from which the animal originates is very important. Also indicate if the animal was euthanized. May qualify for New York State contract pricing.</p> | | | | | | | |
| Histopathology (Each additional site) | 20.50 each additional site | Anatomic Pathology | M-F | 4-10 days | 0.5 - 1 cm thick section of tissue fixed in 10% neutral buffered formalin, 10:1 formalin to tissue ratio | Wide-mouth, unbreakable jar containing 10% neutral buffered formalin; NOT GLASS | |
| <p>Additional charge added for each site evaluated beyond 2 that are part of a standard biopsy. These additional fees will be applied to submissions of multiple masses from a single organ that require separate slides to track specific anatomic locations and monitor margins. They will also apply to submissions for research and legal purposes, as well as general purposes, for which every submitted tissue must be examined. Please call the lab to arrange STAT testing. Three tissues per case as a STAT unless prior arrangements are made. Please call 607-253-3319 to arrange STAT histopathology.</p> | | | | | | | |
| Histopathology, Slide Review (1-2 slides) 1-2 slides Contact Path Dept (607-253-3312) | 55.00 | Anatomic Pathology | M-F | 3 days | 1 to 2 Slides | Slide mailer | |
| Histopathology, Slide Review (3+ slides) 3 or more slides Contact Path Dept (607-253-3312) | | Anatomic Pathology | M-F | 3 days | 3 or more slides | Slide mailer | |
| IHC w/o Histopathology | 35.00 | Anatomic Pathology | M-F | 2-7 days | formalin fixed tissue (paraffin-embedded), or tissue mounted on glass slides | | room temperature; protect from freezing |

Animal Health Diagnostic Center Test and Fee Schedule

| Test Name | Test Fee | Discipline | Test Days | Lag** | Samples | Container | Coolant |
|--|-----------------|-----------------------|---------------|----------|--|--|---|
| Influenza Virus Matrix PCR | 36.75 | Molecular Diagnostics | M-F as needed | 2-3 days | 1) tracheal, choanal, oropharyngeal, cloacal (duck) 2) tissue (min. 5 g); 3) allantoic fluid (min. 2 mL) | unbreakable, leak-proof container | Refrigerate |
| <p>This PCR assay will detect most if not all influenza virus types currently circulating in most species, including 2009 H1N1 and the 2015 Canine H3N8. This assay does not specifically identify the influenza H and N types. That testing can potentially be requested on positive samples if unusual outbreaks or cross-species transmission is suspected.</p> <p>Submit swabs in sterile, sealed vials with several drops of saline added, to prevent desiccation. Bacterial transport media are not appropriate for PCR assays. If culture is desired, submit a separate swab in an acceptable bacterial transport media. Cotton, plastic, wood-handled, and Dacron and other synthetic swabs are all acceptable for PCR-based assays. Calcium alginate swabs should be avoided.</p> <p>All canine and feline samples testing positive for influenza A matrix will be further tested to determine subtype. Subtyping will be done automatically and at no additional charge. Results will be available within 3-5 days following release of the original result on an addended report.</p> <p>*May qualify for New York State contract pricing.</p> <p>This service is performed pursuant to an agreement with Roche Molecular Systems.</p> | | | | | | | |
| Insulin baseline - not equine | 19.00 | Endocrinology | M, W, Th | 2-6 days | 1.5 mL serum or EDTA plasma; do not send sample on cells | plastic or glass tube | Refrigerate |
| Avoid hemolysis and lipemia. For more information, see Appendix C | | | | | | | |
| Ionized Calcium | 18.50 | Clinical Pathology | M-Sa | 1-2 days | 2 mL separated serum ONLY | non-anticoagulant tube (plain red top) | Refrigerate and ship overnight in insulated container with freezer packs. If more than a 48 hour delay, freeze serum and ship on dry ice. |
| Test run on serum only | | | | | | | |
| Ionophore Quantitation | 165.50 per hour | Toxicology | M-F | 1-3 days | 1) feed; 2) 10 mL heparin whole blood | 1) leak-proof zip-lock bag; 2) green top blood collection tube | Refrigerate w/ cool pack |
| Monensin, Lasalocide, Salinomycin Liquid Chromatography/Mass Spectrometry (LC/MS) | | | | | | | |
| Iron | 8.50 /sample | Clinical Pathology | M-Sa | 1-2 days | 1 mL separated serum or heparinized plasma; | plain glass or plastic tube | Refrigerate |
| See Test Info and Protocols for more information | | | | | | | |
| Iron Panel | 20.00 | Clinical Pathology | M-Sa | 1-2 days | 2 mL separated serum or heparinized plasma | plain glass or plastic tube | Refrigerate |
| Iron (FE), Total Iron Binding Capacity, % Saturation See Test Info and Protocols for more information. | | | | | | | |
| Knott's Heartworm | 16.50 | Parasitology | M-F | 1-3 days | 1 mL EDTA or heparin whole blood | sterile blood tube | Refrigerate |
| Used to assess microfilarial burden or to differentiate <i>Dirofilaria immitis</i> and <i>Dipetalonema reconditum</i> microfilariae. If an Occult heartworm antigen ELISA test is also desired, the laboratory can separate plasma from the EDTA or heparin whole blood (if sufficient volume) or a serum sample can be submitted. Please clearly indicate each test as a unique test request. | | | | | | | |
| Large Animal Chemistry Panel | 48.00 | Clinical Pathology | M-Sa | 1-2 days | 2 mL separated serum or heparinized plasma | Refrigerate. Ship overnight in insulated container with freezer packs. | Refrigerate |
| Equ and ruminant: Na, K, Cl, Bicarb, Anion Gap, BUN, Creat, Ca, P, Mg, TP, Alb, Glob, A/G ratio, Gluc, SDH, AST, GLDH, GGT, Tot/Dir/Ind Bilirubin, CK, Iron, TIBC, % Saturation | | | | | | | |
| Large Animal Renal Panel | 28.00 | Clinical Pathology | M-Sa | 1-2 days | 1 mL separated serum or heparinized plasma | Red top (non-anticoagulant) or green top (heparin) tube | Refrigerate. Ship overnight in insulated container with freezer packs. |
| Equ and ruminant: Na, K, Cl, Bicarb, Anion gap, Urea, Creat, Alb, Ca, P | | | | | | | |
| Lawsonia intracellularis qPCR | 36.75 | Molecular Diagnostics | M-F as needed | 2-3 days | Feces, illium, or tonsillar tissue | Leak-proof container | Refrigerate. Ship in insulated container with ice packs |
| <p>This qPCR assay detects the aspartate ammonia lyase (aspA) gene of <i>Lawsonia intracellularis</i>, the causative agent of proliferative enteropathy (also known as Ileitis), in any host species.</p> <p>Due to the intracellular growth of this bacterium, it cannot be cultured for diagnostic purposes. Based on experimental studies in foals, detection of fecal shedding by PCR is expected to occur at 12-18 days after infection, which is approximately the same time frame as onset of clinical signs; shedding may last for 7-21 days (Pusterla et al. J Vet Intern Med 2010). In pigs, shedding starts one week after infection (just after the onset of clinical signs) and may last intermittently for up to 12 weeks; pigs given the modified-live vaccine may be positive by PCR for up to 9 weeks (Guedes et al. Vet Microbiol 2003).</p> <p>This service is performed pursuant to an agreement with Roche Molecular Systems.</p> | | | | | | | |

Animal Health Diagnostic Center Test and Fee Schedule

| Test Name | Test Fee | Discipline | Test Days | Lag** | Samples | Container | Coolant |
|--|-----------------------------|-----------------------|-----------|----------|---|---|--|
| Lead, blood Lead, blood Cannot analyze in plasma or serum - Need whole blood. Do not use heparin separator tubes (gel tubes). For avian and exotics, contact Laboratory AHDC laboratory methodology for blood lead is not affected by the issue described in the 3/22/18 alert from BD Life Sciences related to BD vacutainer tubes, and the original alert from the FDA released on 5/17/2107, which can be viewed at https://www.fda.gov/MedicalDevices/Safety/alertsandNotices/ucm558733.htm | 35.00 /sample | Toxicology | M-F | 2 days | 1) EDTA whole blood (min .5 ml); 2) heparin whole blood (min .5 ml) | Heparinized or EDTA tube | 1-2) Refrigerate. Ship in insulated container with ice pack. |
| Lead, liquids/fluids | 30.00 /sample | Toxicology | M-F | 1-2 days | 1) urine; 2) water; 3) milk | 1-3) sterile container | 1-3) Refrigerate w/ cool pack |
| Lead, tissue/feed/other (Atomic Absorption Spectroscopy - Graphite Furnace) | 45.00 | Toxicology | M-F | 3 days | 1) 2g tissue; 2) 100g feed | 1) sterile container; 2) any container | 1) Refrigerate; 2) none |
| Leptospira MAT, 5 standard serovars For the detection of antibodies to Leptospira interrogans serovars Pomona, Hardjo, Icterohemorrhagiae/copenhageni, Grippityphosa, and Canicola by serum microagglutination. Please indicate any previous testing at the AHDC for accurate test result interpretations. Testing paired samples at an interval between 2-6 weeks between blood draws has more diagnostic significance than relying on the results from a single sample. See also Leptospira MAT, 7 serovars for additional serovar options that may be relevant. The first 5 serovars may qualify for New York State contract pricing Refer to Leptospira Microagglutination Testing at the AHDC for more information. | 16.00 /5 serovars | Bacteriology | M, W, F | 2-3 days | 2.0 ml serum | Red top blood collection tube | Refrigerate. Ship overnight in an insulated container with ice packs |
| Leptospira MAT, 7 serovars For the detection of antibodies to Leptospira interrogans serovars Pomona, Hardjo, Icterohemorrhagiae/copenhageni, Grippityphosa, Canicola, Autumnalis and Bratislava by serum microagglutination. This test adds Leptospira interrogans serovars Bratislava and Autumnalis to the Leptospira MAT, standard 5 serovars. These two serovars are much less likely to be found in the United States, however, the AHDC has identified clinical samples with strongly elevated titers to one or both of these serovars in the absence of strong reactions to the other five. Testing for these two serovars may therefore be of diagnostic value. Please indicate any previous testing at the AHDC for accurate test result interpretations. Testing paired samples at an interval between 2-6 weeks between blood draws has more diagnostic significance than relying on the results from a single sample. Refer to Leptospira Microagglutination Testing | 30.00 /7 serovars | Bacteriology | M, W, F | 2-3 days | 2.0 ml serum | Red top blood collection tube | Refrigerate. Ship overnight in an insulated container with ice packs |
| Leptospira real-time PCR This assay targets the lipL32 gene encoding the major surface antigen of pathogenic Leptospira species. | 36.75 per specimen tested | Molecular Diagnostics | M-F | 2-3 days | 1) Urine; or 2) Blood (EDTA whole blood); or 3) Urine and blood (EDTA whole blood); or 4) Kidney and/or liver; or 5) Fetal lung, kidney, liver, stomach or abomasal contents, placenta; or 6) Ocular fluids or 7) Bacterial culture. Refer to Testing Strategy information below. | Leak-proof container | Refrigerate. Ship in insulated container with freezer pack |
| Lipase See Test Info and Protocols for more information. | 24.00 /sample | Clinical Pathology | M-Sa | 1-2 days | 1) 1 mL separated serum or heparinized plasma; 2) fluid | Red top (non-anticoagulant) or green top (heparin) tube | Refrigerate. Ship overnight in insulated container with freezer packs. |
| Listeria Culture For the culture of Listeria monocytogenes ONLY. Neurologic listeriosis is not typically associated with a bacteremia. CNS infection is believed to and has been shown to result from localized entry of the bacteria via defects in the oral mucosa, with initial entry into the CNS via the trigeminal nerve. A systemic or bacteremic phase is not usually associated with this process. CSF or brain would be required to identify neuroinfection in most cases. Blood can be a good sample in monogastrics and neonates with septicemia. Consider submission of inoculated Blood Culture media and requesting "Blood culture, aerobic" for testing a clinically ill live animal. Placenta and fetal tissues are appropriate specimens in abortions cases. Our laboratory does not provide food safety testing for listeria on milk or other foods. Samples submitted for testing should be related to clinical investigations. Antimicrobial susceptibilities are not included in the testing fee. Test is also part of Ruminant CNS Panel. Rabies testing should also be submitted to the NYS DOH Rabies laboratory for neurologic submissions. Preliminary results will be provided one day after sample processing begins. | 22.00 /sample | Bacteriology | M-F | 5-7 days | 1) Encephalitic: brain stem, cerebellum; 2) Visceral: liver, spleen, kidney; 3) Swab of 1 pr 2; 4) Silage | 1-2) Sealed separate sterile containers; 3) Amies transport media (swab); 4) Sealed sterile container | 1-3) Refrigerate |
| Magnesium See Test Info and Protocols for more information. | 8.50 /sample (blood, fluid) | Clinical Pathology | M-Sa | 1-2 days | 1) 1 mL separated serum or heparinized plasma; 2) fluid | Red top (non-anticoagulant) or green top (heparin) tube | Refrigerate. Ship overnight in insulated container with freezer packs. |
| Magnesium, urine | 17.00 | Clinical Pathology | M-Sa | 1-2 days | 1 mL urine | plain glass or plastic tube | Refrigerate |

Animal Health Diagnostic Center Test and Fee Schedule

| Test Name | Test Fee | Discipline | Test Days | Lag** | Samples | Container | Coolant |
|--|-------------------|--------------------|-----------|-------------|--|---|---|
| Mass Spectrometry Screen General screening for unknown toxins. Special Request Only. Please contact the lab at 607-253-3900 before submission. For additional guidance on Toxicology Submissions https://ahdc.vet.cornell.edu/docs/Toxicology_Submissions_and_Analytica_Screens.pdf | 331.00 per sample | Toxicology | As needed | 7 - 10 days | Contact Lab to discuss available and appropriate samples and case history. If unable to consult with lab, always collect the following minimum sample set: Live animals- heparinized whole blood, urine, vomitus, and feces. Post-mortem sample collection should include the following fresh samples: Heart blood (clot tube, heparinized tube and EDTA tube), urine, liver, kidney, fat, stomach contents, colon contents, brain and eyeball or aqueous humor. Always collect suspect items such as food, water, paint chips, new products, etc. In addition to fresh tissues and specimens, collection of a comprehensive set of fixed tissues for histopathology is recommended whenever toxicosis is suspected. | Heparinized blood tube;leakproof, individual sterile, clean, pesticide-free containers for all tissue, GI contents. Place suspect feed, water, products in individual leakproof containers (e.g. zipperlock bags) | Freeze tissue, stomach/rumen contents, plasma, urine, serum, food or feed. Refrigerate whole blood or plant material. |
| Mass Spectroscopy Confirmation Freezer pack whole blood; SPECIAL REQUEST - PLEASE CONTACT LAB. | 165.50 /sample | Toxicology | M-F | 5 days | 1) 10 mL heparin whole blood; 2) 20 - 50 mL urine; 3) tissue; 4) plant materials; 5) stomach contents | 1) Heparinized tube; 2-5) sterile, clean, pesticide-free container | 1-2) Refrigerate w/ cool pack; 3-5) freeze tissue |
| Mercury (Flameless Atomic Absorption) Cannot analyze in plasma or serum - Need whole blood. Do not use heparin separator tubes (gel tubes). | 55.00 | Toxicology | M-F | 3 days | 1) 2g tissue; 2) 100g feed; 3) 2 mL heparin whole blood | 1) sterile container; 2) any container; 3) Heparinized or EDTA tube | 1, 3) Refrigerate; 2) none |
| Microscopic Feed Analysis | 40.00 /hr | Toxicology | M-F | 3 weeks | 100g feed | any container | None |
| Mineral Panel (Tissue, Feed) Full screen includes Ca, P, Mg, Na, K, Cu, Fe, Mn, Zn, and Mo analyzed by ICP-AES. For biopsy samples and other submissions <0.500 g, only Cu, Fe, Zn, and Mo will be provided due to limitations of small sample size. See Description and Minimum Sample Volume for special note on biopsy or other very small samples. | 47.00 | Toxicology | 1x/wk | 3-7 days | 1)Tissue; 2) Feed. Do not submit serum or plasma. | 1) sterile container; 2) any container | 1) Refrigerate; 2) none |
| Mineral Panel, urine Urine mineral panel includes Magnesium, Phosphorous, Creatinine and Calcium For additional info on Clin Path panels | 33.00 | Clinical Pathology | M-Sa | 1-2 days | 2 mL urine | Red top (non-anticoagulant) tube | Refrigerate. Ship overnight in insulated container with freezer packs. |
| Mineral/Electrolytes Panel Na, K, Cl, Bicarb, Anion Gap, Ca, P, Mg For additional info on Clin Path panels | 21.00 | Clinical Pathology | M-Sa | 1-2 days | 1.5 mL separated serum or heparinized plasma | Red top (non-anticoagulant) or green top (heparin) tube | Refrigerate. Ship overnight in insulated container with freezer packs. |
| Mineral/Electrolytes Panel, urine Na, K, Cl, Ca, P, Mg For additional info on Clin Path panels | 39.00 | Clinical Pathology | M-Sa | 1-2 days | 2 mL urine | plain glass or plastic tube | Refrigerate |
| Mycoplasma Culture For the culture of Mycoplasma species. *May qualify for New York State contract pricing. Antimicrobial susceptibilities are not applicable. Test is also part of the Reproductive Panel 4 and Respiratory Panel 6. | 27.00 /sample | Bacteriology | M-F | 5-10 days | 1) Uterine, cervical or vaginal mucus; 2) Semen; 3) Tracheal washing or lung tissue; 4) Fluid (joint, pericardial, urine, etc.); 5) Eye; 6) Ear; 7)Aseptically collected swab of 1-6 | 1-6) Tissue or fluid in sealed sterile container 7) Swab in Amies transport media WITHOUT charcoal or other suitable mycoplasma culture transport media | 1-6) Refrigerate |
| Necropsy After Hours Fee An after-hours fee of \$50 will be applied when bodies are dropped off after 6pm during the week or between 3pm Saturday and 7:30am Monday morning. Additional STAT fees may apply if a necropsy is required at the time of drop off. | 50.00 | Anatomic Pathology | | | | | |

Animal Health Diagnostic Center Test and Fee Schedule

| Test Name | Test Fee | Discipline | Test Days | Lag** | Samples | Container | Coolant |
|--|---|-----------------------|-----------|---------------|--|---|--|
| Necropsy, greater than 500 lbs Includes large hoofstock, large carnivores \$100 Stat fee will be charged for nights, weekends or holidays. Stat fees will be waived for zoonotic disease suspects or herd health outbreaks. Please call 607-253-3319 to arrange. For shipping instructions, please see Shipping NecropsySpecimens. To ship by UPS or FEDEX, package must weigh less than 150 lbs. They require notification prior to scheduled pickups for all packages exceeding 75 lbs. | 410.00 in state; \$550 out of state. Additional STAT fee may apply. Contact lab for more information | Anatomic Pathology | M-F | 2-12 days | carcass | | |
| Nematode Larval Culture Requires 14-day lag time from submission; Fecal Quantitative test done first to determine need | 55.00 | Parasitology | M-F | 14+ days | 15g fresh fecal sample | wide mouth leak-proof | Do not refrigerate sample |
| Nitrate/Nitrite, liquids/fluids | 24.00 /sample | Toxicology | M-F | 2 days | 1) water; 2) serum; or 3) transfer heparin or EDTA plasma to a red top tube | 1) sterile leak-proof container; 2-3) red top blood collection tube (no gel separator tubes, please) | 1-3) Refrigerate w/ cool pack |
| Nitrate/Nitrite, solids | 33.00 /sample | Toxicology | M-F | 2 days | 1) stomach or rumen contents; 2) feeds | 1) sterile leak-proof container; 2) leak-proof zip-lock bag | 1-2) Freeze |
| Non-Esterified Fatty Acid (NEFA) NEFA | 13.00 | Clinical Pathology | M-Sa | 1-2 days | 1 mL separated serum or EDTA plasma | Red top (non-anticoagulant) or purple top (EDTA) tube | Refrigerate. Ship overnight in insulated container with freezer packs. |
| Osmolality Do not allow coolant to come in contact with specimen | 19.50 /sample | Clinical Pathology | M-Sa | 1-2 days | 1) 1 mL separated serum or heparinized plasma; 2) fluid; 3) 2 mL urine; 4) milk replacer | Red top (non-anticoagulant) or green top (heparin) tube | Refrigerate |
| Packed Cell Volume Directly measured value obtained from centrifuging blood in a microhematocrit tube. Do not allow coolant to come in contact with specimen; ship Overnight. Test reference ranges can be found at Clinpath Reference Intervals. For test interpretation, refer to eclinpath.com | 7.00 | Clinical Pathology | M-Sa | 1-2 days | EDTA blood (> 1/2 full) | lavender top tube | Refrigerate |
| Parasite Identification Endo- and ecto- parasites All ticks submitted for PCR (Lyme, Anaplasma, Ehrlichia) must be identified prior to testing. A biopsy is examined directly or undergoes pepsin digestion to recover nematodes. Gastrointestinal contents and other tissues such as lung are examined and processed as needed to collect and identify parasites present. Intestinal smears are made from fresh, non-preserved intestinal sections and are used to identify non-patent coccidian infections postmortem Other samples that can be submitted for parasite identification include: Biopsies from tissues that may contain parasites; Necropsy tissues, such as sections of organs and intestines with contents; Fluids such as tracheal and cloacal washes, duodenal aspirates, urine, blood; Histological sections on slides; Free living worms or arthropods found on animals, in residences, in feed samples and environmental samples such as soil and composted material. | 28.00 | Parasitology | M-F | 1-7 days | whole parasites including worms or arthropods; punch biopsy, skin or conjunctival snips, fresh tissue for worm identification; impression smears; stained tissue section slides; environmental samples | plastic leak proof container, such as blood tube, appropriate for sample. Submit fresh, in 70% ETOH or 10% formalin, depending upon the sample. | Refrigerate if not fixed |
| Pericardial Fluid Cytology Report includes - Specimen type and site (provided by submitter), Volume, Color, Turbidity, Total Protein, Nucleated cell count, RBC count, Smear type, Smear description, Smear Interpretation With pericardial fluid samples, please also submit 2-3 freshly prepared smears of the fluid and specify smear type, i.e. direct or sediment, on the smears and on the cytology submission form. Do not allow coolant to come in contact with specimen; ship overnight. STAT service available for same day results (extra charges apply). For test interpretation, refer to eclinpath.com. For additional information see Cytology Testing | 50.00 | Clinical Pathology | M - F | 1-2 days from | 1) Pericardial fluid in EDTA AND 2) Smears (at least 2-3 unstained smears preferred); 3) Also submit a red-top tube if culture is anticipated. | 1) Lavender-top tube; (+/- red-top tube); 2) Frosted-end slides | Refrigerate fluids only; ship in insulated container with freezer pack for next day delivery. Hold smears at room temperature; protect from chilling/coolant by insulating separately during shipment. |

Animal Health Diagnostic Center Test and Fee Schedule

| Test Name | Test Fee | Discipline | Test Days | Lag** | Samples | Container | Coolant |
|---|-----------------------------|-------------------------|-----------|----------------|--|---|--|
| Peritoneal Fluid Cytology | 50.00 | Clinical Pathology | M - F | 1-2 days | 1) Peritoneal fluid in EDTA; 2) Smears (at least 2-3 unstained smears preferred); 3) Also submit a red-top tube if culture is anticipated. | 1) Lavender-top tube; (+/- red-top tube); 2) Frosted-end slides | Refrigerate fluids only, DO NOT refrigerate smears |
| <p>Report includes - Specimen type and site (provided by submitter), Volume, Color, Turbidity, Total Protein, Nucleated cell count, RBC count, Smear type, Smear description, Smear Interpretation With peritoneal fluid samples, please also submit 2-3 freshly prepared smears of the fluid and specify smear type, i.e. direct or sediment, on the smears and on the cytology submission form. Do not allow coolant to come in contact with specimen; ship overnight. STAT service available for same day results (extra charges apply). For test interpretation, refer to eclinpath.com. For additional information see Cytology Testing</p> | | | | | | | |
| Phosphate (Phosphorus) | 8.50 /sample (blood, fluid) | Clinical Pathology | M-Sa | 1-2 days | 1) 1 mL separated serum or heparinized plasma; 2) fluid | Red top (non-anticoagulant) or green top (heparin) tube | Refrigerate. Ship overnight in insulated container with freezer packs. |
| See Test Info and Protocols for more information | | | | | | | |
| Phosphate (Phosphorus), urine | 16.50 | Clinical Pathology | M-Sa | 1-2 days | 1 mL urine | plain glass or plastic tube | Refrigerate. Ship overnight in insulated container with freezer packs. |
| Platelet Aggregation | 97.00 | Comparative Coagulation | --- | --- | requires special arrangement with lab | | |
| <p>Combination of individual tests Special arrangement - contact laboratory to schedule testing</p> | | | | | | | |
| Platelet Function | 52.00 | Comparative Coagulation | | 2-3 days | requires referral appointment | | |
| <p>Combination of individual tests Special arrangement - contact laboratory to schedule testing</p> | | | | | | | |
| Pleural Fluid Cytology | 50.00 | Clinical Pathology | M - F | 1 business day | 1) Pleural fluid in EDTA AND 2) Smears (at least 2-3 unstained smears preferred); 3) Also submit a red-top tube if culture is anticipated. | 1) Lavender-top tube; (+/- red-top tube); 2) Frosted-end slides | Refrigerate fluids only; ship in insulated container with freezer pack for next day delivery. Hold smears at room temperature; protect from chilling/coolant by insulating separately during shipment. |
| <p>Report includes - Specimen type and site (provided by submitter), Volume, Color, Turbidity, Total Protein, Nucleated cell count, RBC count, Smear type, Smear description, Smear Interpretation With pleural fluid samples, please also submit 2-3 freshly prepared smears of the fluid and specify smear type, i.e. direct or sediment, on the smears and on the cytology submission form. Do not allow coolant to come in contact with specimen; ship overnight. STAT service available for same day results (extra charges apply). For additional information see Cytology Testing</p> | | | | | | | |
| Porcine Adenovirus FA | 25.00 /animal | Virology | M-F | 2-4 days | Fresh lung, intestine, kidney, brain | Sealable plastic bag or container | Ship in insulated container with ice pack |
| Fluorescent antibody | | | | | | | |
| Porcine Hemagglutination Encephalitis Virus FA | 25.00 /animal | Virology | M-F | 2-4 days | Fresh brain, spinal cord | Sealable plastic bag or container | Ship in insulated container with ice pack |
| Fluorescent antibody | | | | | | | |
| Porcine Parvovirus FA | 25.00 | Virology | M - F | 2-4 days | Fresh fetal lung, intestine, lymph nodes, spleen | Sealable plastic bag or container | Ship in insulated container with ice pack |
| Fluorescent antibody | | | | | | | |
| Porcine Reproductive Respiratory Syndrome FA | 25.00 | Virology | M - F | 2 - 4 days | | Sealable plastic bag or container | Ship in insulated container with ice pack |
| Fluorescent antibody | | | | | | | |
| Porcine Rotavirus FA | 25.00 /animal | Virology | M-F | 2-4 days | Fresh jejunum, ileum | Sealable plastic bag or container | Ship in insulated container with ice pack |
| Fluorescent antibody | | | | | | | |
| Potassium | 8.50 /sample (blood, fluid) | Clinical Pathology | M-Sa | 1-2 days | 1) 1 mL separated serum or heparinized plasma; 2) fluid | plain glass or plastic tube | Refrigerate |
| See Test Info and Protocols for more information | | | | | | | |

Animal Health Diagnostic Center Test and Fee Schedule

| Test Name | Test Fee | Discipline | Test Days | Lag** | Samples | Container | Coolant |
|--|-------------------------------------|-------------------------|---------------|----------------|--|---|---|
| Potassium, urine | 17.00 | Clinical Pathology | M-Sa | 1-2 days | 1 mL urine | plain glass or plastic tube | Refrigerate |
| PreAnesthesia Panel, Large Animal Includes Na, K, Cl, Bicarb, Anion gap, Creat, Ca, Glucose, SDH Test reference ranges can be found at Clinpath Reference Intervals.for additional info on Chemistry Panel Information | 30.00 /sample | Clinical Pathology | M-Sa | 1-2 days | 2 mL separated serum or heparinized plasma | Red top (non-anticoagulant) or green top (heparin) tube | Refrigerate. Ship overnight in insulated container with freezer packs. |
| Prothrombin Consumption Index Ship Overnight: tested by special arrangement: contact laboratory for instructions | 40.00 | Comparative Coagulation | Th-F | 1-2 days | paired citrate plasma and serum samples | plastic or siliconized glass tube in styrofoam box | Refrigerate/ship on cold pack |
| Prothrombin Time (PT) Ship Overnight: for additional info on Submission Guidelines, or see Comp Coag web page | 14.50 | Comparative Coagulation | M-F | same day | 1 mL separated citrate plasma | plastic or siliconized glass tube in styrofoam box | Refrigerate/ship on cold pack |
| Pseudorabies Virus FA Fluorescent antibody | 25.00 /animal | Virology | M-F | 2-4 days | Fresh brain, spleen, lymph node | Sealable plastic bag or container | Ship in insulated container with ice pack |
| Pseudorabies Virus Isolation Virus Isolation Swabs in bacterial transport medium are not appropriate for virus isolation or PCR testing. | 70.00 /animal | Virology | M-F | 21-30 days, s | Fresh brain, spleen, lymph node | Sealable plastic bag or container | Ship in insulated container with ice pack |
| RBE - Brain Extraction This procedure is intended for removal of the brain from the skull for further rabies testing and other diagnostics. A Rabies History Form is required for all rabies suspect cases. Submitting the head or carcass to the Anatomic Pathology service for brain extraction in rabies suspect cases will be followed by shipment of brain tissue to the NYS Dept of Health Lab for Rabies testing. Consideration for field collection of brain specimens and direct shipment to the NYSDOH by attending veterinarians should be considered in case involving human exposure, especially when weekends and holidays will result in further shipping delays. See these links for further information on collection and submission of appropriate specimens.for direct submission. | 51.00 | Anatomic Pathology | M-Sa | 24 hrs, follow | head or whole body | leak-proof container | Refrigerate, do not freeze |
| Red Blood Cell (RBC) Count, Total Do not allow coolant to come in contact with specimen: Ship Overnight. For test interpretation, refer to eclinpath.comTest reference ranges can be found at Clinpath Reference Intervals. | 7.00 | Clinical Pathology | M-Sa | 1-2 days | EDTA blood (> 1/2 full) | lavender top tube | Refrigerate |
| Red Blood Cell (RBC), Parasites Blood smear evaluation for parasites. This test is performed using Wright's (Giemsa) Stain. Do not allow coolant to come in contact with specimen; ship Overnight | 12.00 | Clinical Pathology | M-Sa | 1-2 days | EDTA blood (tube >1/2 full) AND 2 unstained, unfixed, air-dried blood smears | 1) Purple top (EDTA) tube, 2) Ship slides in a plastic or cardboard slide holder to prevent from breaking in transit. | Refrigerate |
| Ref: Aldosterone Assay to quantitate aldosterone levels in EDTA plasma or serum. Can test a single sample for baseline values or can provide pre and post ACTH samples as ACT stimulation test. For All Species:Pre or post samples can be serum, plasma or one of each. Send via overnight courier Referral test fee is set by the referring lab and may change without notice; also, a \$30.00 handling fee is added for each accession sent to each referring lab. | 54.00 (+ referral fee; see comment) | Referral | Mon and Thurs | 4-7 Business | 1mL EDTA plasma or serum; serum or EDTA plasma should be separated from clot or cells by centrifugation, respectively, within 30 minutes, and transferred to plain tube with no additives. | Red top, Purple top, or Tiger top blood collection tube | Refrigerate. Ship for next day delivery in insulated container with freezer pack(s) |
| Ref: Aspergillus Panel This panel includes Aspergillus Antibody Elisa, Electrophoresis to Quantitate host plasma proteins, and galactomannan assay for a dominant Aspergillus antigen. Send via overnight courier Referral test fee is set by the referring lab and may change without notice; also, a \$30.00 handling fee is added for each accession sent to each referring lab. Testing performed on Avians and Mammals. Sample should be 5 days old or less at time of testing. Do not collect and ship to AHDC prior to 3 day weekend or other conditions which will not allow delivery to referral lab for testing by 5 days post collection. For test interpretations, please see Testing for Avian Aspergillus | 102.00 | Referral | M - F | | 0.5 ml heparinized plasma | Green top blood collection tube | Refrigerate, ship sample over night in insulated container with freezer packs. |

Animal Health Diagnostic Center Test and Fee Schedule

| Test Name | Test Fee | Discipline | Test Days | Lag** | Samples | Container | Coolant |
|---|---|------------|---------------|----------|--|---|--|
| Ref: Babesia Gibsoni Giemsa Smr slides, Exp | 19.00 (+ referral fee; see comment) | Referral | Monday-Friday | 2 days | 1-2 Unstained, air-dried blood smear slides made from EDTA Whole Blood | slide mailer | Hold at room temperature. Ship at room temperature. Protect from cold temperatures with insulation. |
| <p>Evaluation of blood smears for hemoparasites/ hemotropic bacteria. Also known as Hemoparasite exam – Wright Giemsa Stain Submitter must make blood smear slides. Do not submit EDTA whole blood. Testing can be performed on the following: Amphibian, Avian, Bovine, Canine, Caprine, Cervid, Equine, Exotic, Feline, Ovine, Porcine, Reptile, and Rodents. Send via overnight courier. Referral test fee is set by the referring lab and may change without notice; also, a \$30.00 handling fee is added for each accession sent to each referring lab.</p> | | | | | | | |
| Ref: Babesia PCR | 60.00 (+ referral fee; see comment) | Referral | Tues; Thurs | 5-7 days | 2ml EDTA Whole Blood | Purple Top Collection Container | Refrigerate. Ship in insulated container with freezer packs to arrive next day. |
| <p>This is a polymerase chain reaction assay which amplifies and detects target nucleic acid sequences of the Babesia genus. This laboratory performs nucleic acid sequencing for all positive samples, verifying detection and providing identification to the species and occasionally strain level. Send via overnight courier Referral test fee is set by the referring lab and may change without notice; also, a \$30.00 handling fee is added for each accession sent to each referring lab. This test can be performed on all species.</p> | | | | | | | |
| Ref: Bartonella PCR | 60.00 (+ referral fee; see comment) | Referral | Tues, Thurs | 5-7 days | 2 mL EDTA whole blood | Purple Top blood Collection Container | Refrigerate, send via overnight delivery; insulated container with freezer pack(s) |
| <p>This is a polymerase chain reaction assay which amplifies and detects target nucleic acid sequences of the Bartonella genus. This laboratory performs nucleic acid sequencing for all positive samples, verifying detection and providing identification to the species and occasionally strain level. Sample required is EDTA whole blood. This test can be performed on all species. Send via overnight courier Referral test fee is set by the referring lab and may change without notice; also, a \$30.00 handling fee is added for each accession sent to each referring lab.</p> | | | | | | | |
| Ref: Botulism | 0.00 Cost cannot be estimated prior to consultation with laboratory (+ referral fee; see comment) | Referral | | | Stomach/rumen contents, GI contents, feces, spoiled forages, parts of dead animals found in suspect feed, and soil from underneath affected areas. | Samples should be sent in whirlpack bags or other suitable small leak proof container. Put each intestinal sample (contents only, please do not send whole intestines or ligated intestines) in a separate Whirlpak bag and clearly label with ID with a waterproof marker such as a Sharpie. | Refrigerate for immediate shipment or store frozen; Ship for next day delivery in insulated container with freezer pack(s) |
| <p>Real-time PCR assay for the detection of Clostridium botulinum types A, B and C toxin genes in vegetative cells after a culture enrichment step ?Finding C. botulinum organisms or spores in a fecal or GI sample of a horse or cow, or in a feed sample, is strongly supportive of a diagnosis of botulism in animals exhibiting compatible clinical signs. Please see http://www.vet.upenn.edu/docs/default-source/new-bolton-center-hospital/NBC-Diagnostic-Labs/instructions-for-submitting-samples-9-1-16.pdf?sfvrsn=6 for more information.</p> | | | | | | | |
| Ref: Brach sequencing PCR | 60.00 (+ referral fee; see comment) | Referral | as needed | 3-5 days | identification from culture | unbreakable, leak-proof container | Refrigerate. Ship in insulated container with ice packs. |
| <p>This test sequences the Nox gene from Brachyspira cultures for speciation. Referral test fee is set by the referring lab and may change without notice; also, a \$30.00 handling fee is added for each accession sent to each referring lab</p> | | | | | | | |
| Ref: Brachyspira culture | 30.00 (+ referral fee; see comment) | Referral | | | rectal swab in transport media, feces, colon, or cecum | unbreakable, leak-proof container | Refrigerate. Ship in insulated container with ice packs |
| <p>Culture for Brachyspira spp. bacteria. Referral test fee is set by the referring lab and may change without notice; also, a \$30.00 handling fee is added for each accession sent to each referring lab</p> | | | | | | | |
| Ref: Brucella abortus/suis Fluorescent Polarization Assay | 33.60 | Referral | Mon, Thurs | 5-7 days | 2mL Serum | Red top blood collection tube. | Refrigerate; ship via overnight delivery in insulated container with freezer packs. |
| <p>This is an antibody detection assay that is used primarily for regulatory diagnostic investigations or for export purposes. It detects antibodies against Brucella abortus or Brucella suis Test can be performed on large animals. Send via overnight courier Referral test fee is set by the referring lab and may change without notice; also, a \$30.00 handling fee is added for each accession sent to each referring lab.</p> | | | | | | | |

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| Test Name | Test Fee | Discipline | Test Days | Lag** | Samples | Container | Coolant |
|--|---|------------|-------------------------------|----------------|--|---|--|
| Ref: Cholinesterase(brain) This assay tests for enzyme activity in a brain sample. Any factor that interferes with enzyme activity will affect the outcome of the results. Specimen should be as fresh as possible Referral test fee is set by the referring lab and may change without notice; also, a \$30.00 handling fee is added for each accession sent to each referring lab | 60.00 (+ referral fee; see comment) | Referral | M-F | 3-5 days | Brain Tissue/Retina. Split brain into two equal halves sagittally to get a representative hemisphere. Retina-whole eye. | Plastic bag | Keep refrigerated at all times. Ship overnight with ice pack. |
| Ref: Cyclosporine Test to detect cyclosporin levels. This test can be performed on Bovine, Canine, Equine, Feline, Ferrets, Fruit Bats, Ovine, Porcine, Primate samples only. Send via overnight courier. Referral test fee is set by the referring lab and may change without notice; also, a \$30.00 handling fee is added for each accession sent to each referring lab. | 66.00 (+ referral fee; see comment) | Referral | W, F | 3-5 business | 1 mL EDTA whole blood | Lavender top blood collection tube | Refrigerate; DO NOT FREEZE. Ship for next day delivery in insulated container with freezer pack(s) |
| Ref: Digoxin Checking Digoxin levels in the blood Send via overnight courier Referral test fee is set by the referring lab and may change without notice; also, a \$30.00 handling fee is added for each accession sent to each referring lab. Do not store in rubber topped tubes as digoxin will bind to the rubber. Fasting is recommended, but not required. | 60.00 (+ referral fee; see comment) | Referral | Run when received | 2-4 business | 1 mL serum | red top blood collection tube; GLASS vial | Refrigerate. Ship in insulated container with ice pack. |
| Ref: Electron Microscopy Referral test fee is set by the referring lab and may change without notice; also, a \$30.00 handling fee is added for each accession sent to each referring lab | 60.00 (+ referral fee; see comment) | Referral | Sample set day it is received | 4-5 days | Fresh tissue, Fixed tissue, FFPE Block, Feces | | Ice pack, Do Not Freeze |
| Ref: Equine encephalomyelitis PRNT Panel (EEE,WEE,VEE) This is a virus plaque reduction neutralization test for Eastern (EEE), Western (WEE) and Venezuelan (VEE) equine encephalitis viruses. This test detects antibodies produced either by natural exposure to the viruses or vaccination. These tests are currently only available as this panel. None of these tests can be ordered individually. This test is used for acute and convalescent serology on any species. It is also used for vaccinal titers on equines. If testing for EEE on clinical suspects equines, the EEE IgM Elisa is the recommended test. Referral test fee is set by the referring lab and may change without notice; also, a \$30.00 handling fee is added for each accession sent to each referring lab. Referral Lab needs sample on Monday for Tuesday test run. Please provide the US state in which the horse is residing and whether the horse has a neurologic condition or is clinically normal on the submission form. The sample will not be forwarded for testing until we have that information. | 46.00 (+ referral fees; see comment) | Referral | Tuesday | 3 - 5 days | 2 ml Serum | Red top blood collection tube | Refrigerate. Ship overnight in insulated container with ice packs |
| Ref: FISH Fluorescent In-Situ Hybridization Fluorescent probe binds to bacterial ribosomes in tissue. Detected with fluorescent microscope. This test can be performed on all species. A \$15 handling fee will be added to each sample, so the total price for a single tissue is \$190. Additional tissues will be billed at \$50 for each additional tissue. Additional probes will be billed at \$50.00 for each additional probe. For specific information regarding samples, instructions and forms, please see FISH Fluorescent In-Situ Hybridization. Research questions should be directed directly to Simpson Laboratory (607-253-3567). | 175.00 + in-house referral fee. See comment | Referral | Tues or Wed | PLEASE SEE | 5 unstained fixed tissue slides. | Slide Mailer; | Room Temperature |
| Ref: Insulin Growth Factor-1 Send via overnight courier Referral test fee is set by the referring lab and may change without notice; also, a \$30.00 handling fee is added for each accession sent to each referring lab. Most species can be tested. | 79.00 (+ referral fee; see comment) | Referral | Wednesday | 4 - 9 business | 0.5 mL Serum or Plasma | Red Top or Purple Top, SST | Refrigerate. Ship in insulated container with cold pack |
| Ref: Keppra/Levetiracetam Checking Keppra levels in the blood Send via overnight courier Referral test fee is set by the referring lab and may change without notice; also, a \$30.00 handling fee is added for each accession sent to each referring lab. Fasting is recommended, but not required. Six healthy Quarter Horse foals, who were 3 days old or younger, were administered a single 32 mg/kg dose of levetiracetam either intravenously (IV) or intragastrically (IG); the dose of which was extrapolated from pharmacokinetic data reported for adult horses. To determine plasma levetiracetam concentrations blood was taken from all the foals at 0, 5, 10, 15, 20, 35, 45, 60 and 90 minutes and 2, 3, 4, 6, 8, 10, 12, 24, 36 and 36 and 48 hours after administration. The levetiracetam and plasma concentrations remained within the proposed therapeutic range (5-45 mg/L) and above the proposed target concentration (35 mg/L) for at least 12 hours for both IV and IG administration and there were no adverse events. Bioavailability for IG administration was excellent, and there was no significant difference in the pharmacokinetic variables between IV and IG administration. For more information: MacDonald, Hart KA, Davis JL, et al. Pharmacokinetics of the anticonvulsant levetiracetam in neonatal foals, Equine Vet J. 2017 Dec 1. https://onlinelibrary.wiley.com/doi/full/10.1111/evj.12790 | 84.00 (+ referral fee; see comment) | Referral | Tues, Thurs | 3-4 business | 1 mL serum | Red top blood collection tube | Refrigerate. Ship in insulated container with ice pack |

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| Test Name | Test Fee | Discipline | Test Days | Lag** | Samples | Container | Coolant |
|--|--------------------------------------|------------|-----------|---------------|--------------------------------|---|--|
| Ref: Lawsonia IPMA Referral test prices are set by the referral laboratory and may change without notice. a \$30.00 handling fee is added for each accession sent to each referring lab | 24.00 (+ referral fee; see comment) | Referral | M-F | 7-10 days | 1 mL serum | | Refrigerate |
| Ref: Leishmania PCR Sample Required is EDTA whole blood. Referral test fee is set by the referring lab and may change without notice; also, a \$30.00 handling fee is added for each accession sent to each referring lab | 60.00 (+ referral fee; see comment) | Referral | M-F | 5-7 days | 2 mL EDTA whole blood | Insulated | Refrigerate or ship on cold pack |
| Ref: Malignant Catarrhal Fever IPT This is an immunoperoxidase test designed to detect antibodies to the MCF virus. This serology test is indicated for clinical suspects. This test cross reacts with both Alcelaphine-associated and sheep-associated virus antibodies. All antibody positive IPT samples will be tested by the VN, resulting in two charges (IPT and VN). A clinical suspect is expected to be positive on the IPT test and negative on the VN test. Please call the laboratory before sending sample. Referral test fee is set by the referring lab and may change without notice; also, a \$30.00 handling fee is added for each accession sent to each referring lab | 37.00 (+ referral fee; see comment) | Referral | Wednesday | 5-7 days | 2 mL serum | red top tube | Refrigerate. Ship in insulated container with ice packs |
| Ref: MCF PCR PCR test to detect the Herpes viruses recognized to cause Malignant Catarrhal Fever. This PCR assay differentiates between alcelaphine herpesvirus 1 and ovine herpesvirus 2 The sample required from a live animal is EDTA whole blood. Send via overnight courier. Referral test fee is set by the referring lab and may change without notice; also, a \$30.00 handling fee is added for each accession sent to each referring lab. | 67.20 (+ referral fee; see comment) | Referral | M-F | 7-14 days | EDTA Whole Blood or Tissue | Insulated | Refrigerate (not frozen) |
| Ref: Mycobacterial Culture (Acid Fast TB) Test for presence of tuberculosis. This test does not speciate non-TB Mycobacterium species Send via USPO in NVSL mailer. Referral test fee is set by the referring lab and may change without notice; also, a \$30.00 handling fee is added for each accession sent to each referring lab. This test is intended to detect Mycobacterium tuberculosis as a reportable disease. | 58.00 (+ referral fee; see comment) | Referral | M-F | 30-120 days | Tissue | Mycobacterium box | Ambient |
| Ref: Mycobacterial PCR PCR for Mycobacterium species. Not for M. bovis or M. tuberculosis suspects. Formalin fixed tissue or paraffin blocks should not be decalcified. Tissue should be in wet formalin less than 10 days. Acid fast bacteria must be present on histopathology to perform PCR testing. Fresh tissue should be tested by requesting Mycobacterium Culture rather than PCR to increase testing sensitivity. | 246.00 (+ referral fee; see comment) | Referral | M-F | 12-14 Busine: | Fixed tissue containing lesion | Sterile, leakproof, unbreakable container or paraffin block | Room temperature for fixed tissue and paraffin block |
| Ref: Mycobacterium Culture ID All culture isolates (positive cultures for mycobacterium) will require additional speciation at a fee of \$70.00 to identify the Mycobacteria further. Referral test fee is set by the referring lab and may change without notice; also, a \$30.00 handling fee is added for each accession sent to each referring lab | 48.00 (+ referral fee; see comment) | Referral | Mon - Fri | 60 - 120 days | Fresh tissue | Sterile, leakproof, unbreakable container | Ship for next day delivery in an insulated container with freezer packs. |
| Ref: Mycopl hyopneumoniae PCR This test detects nucleic acid of the Mycoplasma hyopneumoniae bacteria Referral test fee is set by the referring lab and may change without notice; also, a \$30.00 handling fee is added for each accession sent to each referring lab | 48.36 (+ referral fee; see comment) | Referral | M - F | 1 - 3 days | lung, bronchial swab, BAL | unbreakable, leak-proof container | Refrigerate. Ship in insulated container with ice packs |
| Ref: Mycopl hyorhinis PCR This test detects the nucleic acid of the Mycoplasma hyorhinis bacteria Referral test fee is set by the referring lab and may change without notice; also, a \$30.00 handling fee is added for each accession sent to each referring lab | 30.00 (+ referral fee; see comment) | Referral | M, Th | 3 - 5 days | joint swab or joint tissue | unbreakable, leak-proof container | Refrigerate. Ship in insulated container with ice packs. |
| Ref: Mycopl hyosynoviae PCR This test detects the nucleic acid of the Mycoplasma hyosynoviae bacteria Referral test fee is set by the referring lab and may change without notice; also, a \$30.00 handling fee is added for each accession sent to each referring lab | 30.00 (+ referral fee; see comment) | Referral | M, Th | 3-5 days | joint swab or joint tissue | unbreakable, leak-proof container | Refrigerate. Ship in insulated container with ice packs |

Animal Health Diagnostic Center Test and Fee Schedule

| Test Name | Test Fee | Discipline | Test Days | Lag** | Samples | Container | Coolant |
|---|-------------------------------------|------------|--------------|----------------|--|-----------------------------------|--|
| Ref: Mycoplasma PCR | 47.00 | Referral | Wednesday | 2 days; testec | EDTA Whole Blood, 2-3 ml | Purple Top Blood tube | Refrigerate. Ship in insulated container with freezer pack for next day delivery. |
| This test is intended to be used to detect hemotropic Mycoplasma species in the host species susceptible to hemotropic mycoplasma infections, such as Mycoplasma haemofelis, Mycoplasma haemocanis, Mycoplasma haemolamiae, Mycoplasma wenyonii, Mycoplasma ovis, etc. Many of these bacteria have been renamed as Mycoplasma from previous genus designations such as Haemobartonella or Eperythrozoon. Referral test fee is set by the referring lab and may change without notice; also, a \$30.00 handling fee is added for each accession sent to each referring lab | | | | | | | |
| Ref: Parathyroid Hormone | 61.00 (+ referral fee; see comment) | Referral | M-F | 2-6 Business | 1 mL serum only | Red top blood collection tubetube | Refrigerate. Ship for next day delivery in insulated container with freezer pack(s) |
| Used in diagnosis of: Calcium metabolic disorders, Hypoparathyroidism, Hyperparathyroidism – Primary or Secondary, Malignancy, Vitamin D disorders, Renal disease, Hypercalcemia, Hypocalcemia. Also used to monitor calcitriol therapy. This test can be performed on samples from all species. Send via overnight courier. Avoid Hemolysis and lipemia. Fast animal overnight before taking sample. Ionized Calcium is automatically added to all Parathyroid Hormone requests at no additional charge. Referral test fee is set by the referring lab and may change without notice; also, a \$30.00 handling fee is added for each accession sent to each referring lab. | | | | | | | |
| Ref: Por E coli Genotyping PCR | 36.00 (+ referral fee; see comment) | Referral | M, Th | 5 - 7 days | pure culture of isolate | unbreakable, leak-proof container | Refrigerate. Ship in insulated container with ice packs |
| Detects the genes responsible for producing the following pathogenic markers: STb (toxin), Sta (toxin), K99 (pilus), LT (toxin), F18 (pilus), K88 (pilus), F41 (pilus), Stx2e (toxin), EAST1 (toxin), Stx 1 (toxin), Stx 2 (toxin), AIDA (adhesin), PAA (adhesin) Referral test fee is set by the referring lab and may change without notice; also, a \$30.00 handling fee is added for each accession sent to each referring lab | | | | | | | |
| Ref: Por Epidemic Diarrhea PCR | 36.00 (+ referral fee; see comment) | Referral | M - F | 1 - 3 days | feces, fecal swab, intestine, oral fluids, environmental samples | unbreakable, leak-proof container | Refrigerate. Ship in insulated container with ice packs. |
| This test detects the nucleic acid of the porcine epidemic diarrhea (PED) virus. Referral test fee is set by the referring lab and may change without notice; also, a \$30.00 handling fee is added for each accession sent to each referring lab | | | | | | | |
| Ref: Porc cytomegalovirus PCR | 42.00 (+ referral fee; see comment) | Referral | M, Th | 3 - 5 days | blood, nasal swab, nasal turbinates, brain | unbreakable, leak-proof container | Refrigerate. Ship in insulated container with ice packs. |
| Referral test fee is set by the referring lab and may change without notice; also, a \$30.00 handling fee is added for each accession sent to each referring lab | | | | | | | |
| Ref: Porc deltacoronavirus PCR | 36.00 (+ referral fee; see comment) | Referral | M - F | 1 - 3 days | feces, fecal swab, intestine, oral fluids, environmental samples | unbreakable, leak-proof container | Refrigerate. Ship in insulated container with ice packs |
| This test detects the nucleic acid of the porcine delta coronavirus. Referral test fee is set by the referring lab and may change without notice; also, a \$30.00 handling fee is added for each accession sent to each referring lab | | | | | | | |
| Ref: Porcine Circovirus IFA | 21.00 (+ referral fee; see comment) | Referral | M, F | 3-5 days | 2 mL serum | Red top blood collection tube | It is recommended to ship samples with an ice pack. Iowa State charges a \$12.00 submission fee. Referral test fee is set by the referring lab and may change without notice; also, a \$30.00 handling fee is added for each accession sent to each referring lab Serum samples are stable at room temperature for several days. If longer, refrigerate or freeze. |
| Ref: Porcine Parvovirus HI | 6.00 (+ referral fee; see comment) | Referral | Mondays | 1 - 3 days | serum | red top tube | Ship in insulated container with ice packs |
| This test detects antibodies to the porcine parvovirus Referral test fee is set by the referring lab and may change without notice; also, a \$30.00 handling fee is added for each accession sent to each referring lab | | | | | | | |
| Ref: Porcine PED/TGE PCR | 42.00 (+ referral fee; see comment) | Referral | M - F | 1- 3 days | feces, fecal swab, intestine, oral fluids, environmental samples | unbreakable, leak-proof container | Refrigerate. Ship in insulated container with ice packs. |
| This test detects the nucleic acid of the porcine epidemic diarrhea (PED) virus and the transmissible gastroenteritis (TGE) virus. Referral test fee is set by the referring lab and may change without notice; also, a \$30.00 handling fee is added for each accession sent to each referring lab | | | | | | | |
| Ref: Pseudorabies gB ELISA | 16.00 (+ referral fee; see comment) | Referral | 3 X per week | 2-4 days | 1 mL Serum | Red top tube | Refrigerate |
| Referral test fee is set by the referring lab and may change without notice; also, a \$30.00 handling fee is added for each accession sent to each referring lab | | | | | | | |

Animal Health Diagnostic Center Test and Fee Schedule

| Test Name | Test Fee | Discipline | Test Days | Lag** | Samples | Container | Coolant |
|---|--------------------------------------|------------|-------------------|----------------|---|--|--|
| Ref: Pseudorabies PCR This test detects the nucleic acid of Pseudorabies virus Referral test fee is set by the referring lab and may change without notice; also, a \$30.00 handling fee is added for each accession sent to each referring lab | 36.00 (+ referral fee; see comment) | Referral | T, F | 5 - 8 days | brain, tonsil, lung, fetal liver | unbreakable, leak-proof container | Refrigerate |
| Ref: Quantitative Calculi/Urinary This test provides an analysis of the crystalline composition of the urolith(urinary stone) Send via overnight courier Referral test fee is set by the referring lab and may change without notice; also, a \$30.00 handling fee is added for each accession sent to each referring lab | 38.00 (+ referral fee; see comment) | Referral | M-F | 4-6 business | Stone | Baylor Stone Collection Cup | None |
| Ref: Rabies Titer This test is not used for export testing. This test provides an endpoint titer. Please see comment above regarding export testing. This test can be performed on all species. Send via overnight courier. Can use heat inactivated serum, must be noted on the form. Cannot use plasma. Sample needs at least 500ul for one run. Referral test fee is set by the referring lab and may change without notice; also, a \$30.00 handling fee is added for each accession sent to each referring lab. The AHDC does not refer Rabies titers for export testing due to requirements of the testing lab. Please contact Kansas State Veterinary Diagnostic Lab directly at 785-532-4483. | 83.00 (+ referral fee; see comment) | Referral | M, Th | 23-30 Busine: | 2 mL serum | Red top blood collection tube | Refrigerate. Ship for next day delivery in insulated container with freezer pack(s). |
| Ref: Stone Analysis - Minnesota Referral test fee is set by the referring lab and may change without notice; also, a \$30.00 handling fee is added for each accession sent to each referring lab | 0.00 (+ referral fee; see comment) | Referral | M-F | 10-14 days | Stone | Unbreakable container | |
| Ref: TGE/Por Resp Corona ELISA This test detects antibodies to the transmissible gastroenteritis (TGE) virus/ porcine respiratory coronavirus. Referral test fee is set by the referring lab and may change without notice; also, a \$30.00 handling fee is added for each accession sent to each referring lab | 11.00 (+ referral fee; see comment) | Referral | T, Th | 1 - 3 days | serum | unbreakable, leak-proof container | Refrigerate. Ship in insulated container with ice packs |
| Ref: Theophylline Checking Theophylline levels in the blood Send via overnight courier Referral test fee is set by the referring lab and may change without notice; also, a \$30.00 handling fee is added for each accession sent to each referring lab. Please do not use Serum Separator Tubes. Fasting is recommended, but not required | 60.00 (+ referral fee; see comment) | Referral | Run as received | 2-4 business | 1 mL serum | red top blood collection tube; glass or plastic vial | Refrigerate. Ship in insulated container with ice pack |
| Ref: Tick Panel - PCR PCR Panel includes: PCR testing for known pathogens in six genera: Babesia, Bartonella, Anaplasma, Ehrlichia, Rickettsia, and hemotropic Mycoplasma. All positive PCR results are verified by performing sequencing analysis which also takes identification to the species and sometimes strain level. This test can be performed on most species. Call lab with exotic animals. Send via overnight courier. Referral test fee is set by the referring lab and may change without notice; also, a \$30.00 handling fee is added for each accession sent to each referring lab. | 150.00 (+ referral fee; see comment) | Referral | Batched weekly | 9-12 business: | 2 mL EDTA whole blood | EDTA blood Tube | Refrigerate, ship for next day delivery in insulated container with freezer pack(s) |
| Ref: Troponin A complex of muscle proteins which, when combined with Ca ²⁺ , influence tropomyosin to initiate contraction. Send pre and post exercise samples on dry ice by overnight courier. Remove serum or plasma from cells within 2 hours! Referral test fee is set by the referring lab and may change without notice; also, a \$30.00 handling fee is added for each accession sent to each referring lab | 88.00 (+ referral fee; see comment) | Referral | M, F | 1-3 days | 1 mL serum or hep plasma | Insulated | Dry ice |
| Ref: Vitamin D Profile Assay for 25- Hydroxyvitamin D This test can be performed on most species. Send via overnight courier. Referral test fee is set by the referring lab and may change without notice; also, a \$30.00 handling fee is added for each accession sent to each referring lab. | 82.00 (+ referral fee; see comment) | Referral | Monday and Friday | 2-8 business | 1.5 mL Serum or Heparinized plasma(not EDTA plasma) | Red Top, Purple Top, Green Top or SST blood tubes | Refrigerate, ship for next day delivery in insulated container with freezer pack(s) |

Animal Health Diagnostic Center Test and Fee Schedule

| Test Name | Test Fee | Discipline | Test Days | Lag** | Samples | Container | Coolant |
|---|-------------------------------------|-------------------------|-------------------|--------------|--|--|---|
| Ref: Vitamin D, 25-hyd 1. To identify Vitamin D toxicity or deficiency. A. Will pick up metabolites of cholecalciferol (rat poisons, vitamin D supplements). B. Will not pick up Vitamin D toxicity due to calcitriol (Rocaltrol) or calcipotriene (Dovonex - anti-psoriasis cream). 2. To identify Vitamin D deficiency in animals eating homemade diets, or for certain species, especially Llamas/Alpacas, lizards, primates, and other zoo animals. *This test can be performed on appropriate samples from all species. Send via overnight courier. Referral test fee is set by the referring lab and may change without notice; also, a \$30.00 handling fee is added for each accession sent to each referring lab. | 60.00 (+ referral fee; see comment) | Referral | Monday and Friday | 3-9 Business | 0.5 mL Serum or Plasma (Heparinized and EDTA is accepted) | Red Top, Purple Top, Green Top or SST blood tubes | Red Top, Purple Top, Green Top or SST blood collection tubes |
| Reserpine (LC/MS) Liquid Chromatography/Mass Spectrometry (LC/MS) (increased sensitivity) | 165.50 /sample | Toxicology | M-F | 1-3 days | 1) 10 mL heparin whole blood; or 2) transfer 5 mL heparin plasma to a red top tube | 1) Heparinized tube, no gel clot; 2) red top blood collection tube | 1-2) Refrigerate w/ cool pack |
| Reticulocyte Count Test reference ranges can be found at Clinpath Reference Intervals.For test interpretation, refer to eclinpath.comDo not allow coolant to come in contact with specimen; ship Overnight | 10.50 | Clinical Pathology | M-Sa | 1-2 days | EDTA blood (> 1/2 full) | lavender top tube | Refrigerate |
| Rivaroxaban Anti-Xa activity measured in a chromogenic assay configured with a rivaroxaban calibration standard. Samples for determination of peak rivaroxaban anti-Xa activity should be collected 3 hours after oral drug administration. For more information, see Rivaroxaban assay FAQs | 45.00 | Comparative Coagulation | As required | Same day | 0.5 mL Citrated plasma | plastic or siliconized glass tube in styrofoam box | Refrigerate sample. Ship overnight with ice packs in insulated container. |
| Rotavirus FA-Any Species Fluorescent antibody | 25.00 | Virology | M - F | 2 - 4 days | | Sealable plastic bag or container | Ship in insulated container with ice packs. |
| Salmonella Culture For the isolation of Salmonella species. *May qualify for New York State contract pricing. Test is also part of the Enteric Panel 1, Enteric Panel 2, and Enteric Panel 3. Antimicrobial susceptibilities are not included in the testing fee. See the Adult Equine Diarrhea Kit for equine submissions. | 22.00 /sample | Bacteriology | M-Sa | 3-5 days | 1) Fresh feces or intestinal contents; 2) Ligated ileum or jejunum; 3) Mesenteric lymph node; 4) other tissues; 5) Water; 6) Swab of 1-4 | 1) Feces in sealed sterile container or ParaPak; 2-5) Tissues or fluids in separate, sealed, sterile containers 6) Swab in Amies transport media or other suitable bacterial transport medium | 1-6) Refrigerate EXCEPT ParaPak (Parapak at room temperature) |
| Selenium, tissue/feed (Selenium Hydride Atomic Absorption) | 55.00 | Toxicology | M-F | 6 days | 1) 2g tissue; 2) 100g feed | 1) sterile container; 2) any container | 1) Refrigerate; 2) none |
| Selenium, whole blood Atomic Absorption analysis of whole blood Cannot analyze in plasma or serum - Need whole blood. Contact Lab for specifics for avian and very small animals. May also want to consider "Vitamin E Alcohol in Serum" test as well. | 28.00 /sample | Toxicology | M-F | 3 days | 1) 5 mL heparin whole blood; 2) 5 mL EDTA whole blood | 1) green top blood collection tube; 2) purple top blood collection tube | 1-2) Refrigerate w/ cool pack |
| Skin Scraping For ectoparasites Visual examination, KOH digest and Sugar Centrifugation Flotation; send an adequate sample size in an escape-proof container; remember to scrape until skin begins to bleed | 28.00 | Parasitology | M-F | 1-3 days | hair/fur and epidermal tissue | escape-proof, sealed container | Not needed |
| Sodium See Test Info and Protocols for more information. Test reference ranges can be found at Clinpath Reference Intervals.For test interpretation, refer to eclinpath.com | 9.00 /sample (blood, fluid) | Clinical Pathology | M-Sa | 1-2 days | 1) 1 mL separated serum or heparinized plasma; 2) fluid | Red top (non-anticoagulant) or green top (heparin) tube | Refrigerate. Ship overnight in insulated container with freezer packs. |
| Sodium, urine | 17.00 | Clinical Pathology | M-Sa | 1-2 days | 1 mL urine | Red top (non-anticoagulant) tube | Refrigerate |
| Sorbitol Dehydrogenase (SDH), blood Test reference ranges can be found at Clinpath Reference Intervals.For test interpretation, refer to eclinpath.com | 11.00 | Clinical Pathology | M-Sa | 1-2 days | 1 mL separated serum or heparinized plasma | Red top (non-anticoagulant) or green top (heparin) tube | Refrigerate. Ship overnight in insulated container with freezer packs. |

Animal Health Diagnostic Center Test and Fee Schedule

| Test Name | Test Fee | Discipline | Test Days | Lag** | Samples | Container | Coolant |
|---|---|-------------------------|---------------|-----------------|--|---|---|
| Special Stain #1 THIS TEST CODE FOR INTERNAL USE ONLY. | 50.00 | Clinical Pathology | M - F | 5 days | Slides | | |
| Special Stain #2 | 80.00 | Clinical Pathology | M-F | 5 days | Slides | | |
| Special Stain #3 | 110.00 | Clinical Pathology | M - F | 5 days | SLIDES | | |
| Special Stain #4 | 140.00 | Clinical Pathology | M - F | 5 days | Slides | | |
| Special/Augmented Biopsy Surcharge Intended for complex submissions of entire organs, lobes, systems, tumor beds, limbs, jaws, etc. This includes research/insurance/legal cases for which every single tissue submitted must be described histologically and the selection of the tissues is not at the discretion of the pathologist. Please refer to description below. Contact us at 607-253-3319 or pathologyservice@cornell.edu in advance with any questions concerning this type of submission. | 56.00 in addition to standard histopathology fee. | Anatomic Pathology | Mon - Fri | 4-10 days | 0.5 to 1.0 cm thick section of tissue fixed in 10% neutralized formalin, 10:1 formalin to tissue ratio. | Wide-mouth, leakproof, unbreakable jar; NOT GLASS | Store at room temperature. Do not freeze |
| Stained Histology Slides Slides prepared from (FFPE) blocks H&E or Special Stained slides prepared from Anatomic Pathology cases in addition to the Histopathology. Stained slides are requested to either have Anatomic Pathology review or to have them sent to another facility for review/referral. Additional charges will be applied for shipping and handling. | 10.25 | Anatomic Pathology | M-F | 5 business days | Paraffin embedded tissue block | | Room temperature |
| Strychnine, liquids/fluids | 55.25 /sample | Toxicology | M-F | 3 days | 1) 10 - 20 mL heparin whole blood; 2) 10 - 20 mL urine | 1) Heparinized tube, no gel clot; 2) sterile leak-proof container | 1-2) Refrigerate w/ cool pack |
| Strychnine, solids | 90.00 /sample | Toxicology | M-F | 3 days | 1) 50g liver; 2) 50g stomach contents or vomitus | 1-2) sterile container | 1-2) Refrigerate w/ cool pack |
| Sulfur | 40.00 | Toxicology | M-F | 3 days | 1) 2g tissue; 2) 100g feed | 1) sterile container; 2) any container | 1) Refrigerate; 2) none |
| Swine Coronavirus (TGE) PCR The alpha coronavirus PCR employed by the AHDC will detect feline enteric coronavirus, canine enteric coronavirus, ferret or mink coronavirus, and swine coronavirus - AKA transmissible gastroenteritis virus. For species specific testing information please see Coronavirus PCR Guidelines. | 36.75 | Molecular Diagnostics | M-F as needed | 3-5 days | 1) tissue (min. 5 g); 2) ascites or body fluid (min. 2 mL); 3) feces (min 5 g) | unbreakable, leak-proof container | Refrigerate |
| Synovial Fluid Cytology Report includes - Specimen type and site (provided by submitter), Volume, Color, Turbidity, Total Protein, Nucleated cell count, RBC count, Viscosity, Smear type, Smear description, Smear Interpretation If only slides (and no fluid) are submitted, request a cytology smear exam on the cytology submission form and specify the joint sampled as the source. For joint fluid in EDTA, please also submit 2-3 freshly prepared smears from the fluid. Also specify smear type, i.e. direct or sediment, on the smears and on the cytology submission form. It is important to rapidly air-dry any smears. Do not allow coolant to come in contact with specimen; ship overnight. STAT service available for same day results (extra charges apply). For test interpretation, refer to eclinpath.com. For additional information see Cytology Testing | 55.00 | Clinical Pathology | M - F | 1-2 days from | 1) Joint fluid in EDTA AND 2) Smears (at least 2-3 unstained smears preferred); 3) Also submit a red-top tube if culture is anticipated. | 1) Lavender-top tube; (+/- red-top tube); 2) Frosted-end slides | Refrigerate purple top tube. Ship overnight in insulated container with freezer packs. Keep slides at room temperature; protect from chilling/coolant by insulating separately during shipment. |
| Testosterone baseline For more information, see Appendix C | 19.00 | Endocrinology | Monday | 1-8 days | 1 mL serum | plastic or glass tube | Refrigerate |
| Testosterone Post HCG/GnRH | 13.00 | Endocrinology | Monday | 1-7 days | 250 uL serum or plasma | plastic or glass | |
| Testosterone: HCG/GnRH Response | 19.00 | Endocrinology | Monday | 1-7 days | 250 uL serum or plasma | plastic or glass | |
| Thrombin-antithrombin Complex Research and batch testing only. Testing not done on rabbits. Per test fee requires submission of 15 or more samples for batch analysis. Ship Overnight. For additional info on Submission Guidelines, or see Comp Coag web page; | 52.50 | Comparative Coagulation | 1x/month | up to 1 month | citrate plasma | plastic tube in styrofoam box | dry ice |

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| Test Name | Test Fee | Discipline | Test Days | Lag** | Samples | Container | Coolant |
|---|------------------------------|--------------------|-----------|----------|--|---|--|
| Total Protein Panel Total Protein (TP), Albumin, Globulin For test interpretation, refer to eclinpath.com, Test reference ranges can be found at Clinpath Reference Intervals. | 17.00 | Clinical Pathology | M-Sa | 1-2 days | 1 mL separated serum or heparinized plasma | Red top (non-anticoagulant) or green top (heparin) tube | Refrigerate. Ship overnight in insulated container with freezer packs. |
| Total Protein Plasma (by refractometer) Estimate of plasma protein (including fibrinogen) in EDTA plasma. Measurement of the refractive index of a sample relative to the refractive index of water. Also known as "total solids," as it is affected by increases in solids other than protein including glucose, urea, sodium, chloride, and lipoproteins (chylomicrons and VLDL). Lipemia and hemolysis, but not icterus interfere with the test result. Do not allow coolant to come in contact with specimen; ship OvernightFor test interpretation, refer to eclinpath.com Test reference ranges can be found at Clinpath Reference Intervals. | 5.00 | Clinical Pathology | M-Sa | 1-2 days | EDTA blood (>1/2 full) | lavender top tube | Refrigerate |
| Total Protein, blood Total protein in blood See Test Info and Protocols for more information. Test reference ranges can be found at Clinpath Reference Intervals. For test interpretation, refer to eclinpath.com | 13.00 | Clinical Pathology | M-Sa | 1-2 days | 1 mL separated serum or heparinized plasma | Red top (non-anticoagulant) or green top (heparin) tube | Refrigerate. Ship overnight in insulated container with freezer packs. |
| Total Protein-Creatinine Panel Total Protein, Creatinine, P:C Ratio (Calc) for additional info on Clin Path panels | 38.00 | Clinical Pathology | M-Sa | 1-2 days | 2 mL urine | leak-proof container | Refrigerate. Ship overnight in insulated container with freezer packs. |
| Toxoplasma gondii IgG ELISA Detects anti-Toxoplasma IgG antibody The Toxoplasma gondii IgG ELISA tests serum for the presence of anti-Toxoplasma IgG antibody, indicating a history of exposure to the parasite. This test is valid to test serum from a broad range of animal species, except for birds, marsupials and cold-blooded animals. Results are reported as "positive", "negative" or "equivocal". Testing is repeated 2-3 weeks after the initial sample was tested to establish if an infection is acute or chronic, or to delineate the true status of an animal with a previously "equivocal" result. When a second sample is submitted, please provide the accession number from the first sample submitted, as both samples are needed for accurate paired testing. Fluids other than serum will not be evaluated. *May qualify for New York State contract pricing. | 20.00 /sample price. | Parasitology | Wed | 1-7 days | 100 uL serum | red-top blood collection tube | Refrigerate |
| Toxoplasmosis FA Fluorescent antibody | 25.00 /animal | Virology | M-F | 2-4 days | Fetal tissue: placenta and brain preferred; also lung, liver, kidney, skeletal muscle, spleen, lymph node; Non-fetal tissue including suspect affected tissue such as brain, liver, kidney, lung, skeletal muscle. | Leakproof, unbreakable plastic container or bag | Ship for next day delivery in insulated container with freezer pack(s) |
| Tracheal Wash Cytology Report includes - Specimen type and site (provided by submitter), Smear type, Smear description, Smear Interpretation With fluid samples of tracheal wash, please also submit 2-3 freshly prepared smears of the fluid and specify smear type, i.e. direct or sediment, on the smears and on the cytology submission form. It is important to rapidly air-dry any smears. Do not allow coolant to come in contact with specimen; ship overnight. STAT service available for same day results (extra charges apply). For additional information see Cytology Testing | 46.00 | Clinical Pathology | M - F | 1-2 days | 1) Tracheal wash fluid in EDTA; 2) Smears (at least 2-3 unstained smears preferred); 3) Also submit a red-top tube if culture is anticipated. | 1) Lavender-top tube; (+/- red-top tube); 2) Frosted-end slides | Refrigerate fluids only, DO NOT refrigerate smears |
| Transmissible Gastroenteritis (TGE) Virus FA Fluorescent antibody | 25.00 /animal | Virology | M-F | 2-4 days | Fresh Ileum, jejunum, cecum, lung | Sealable plastic bag or container | Ship in insulated container with ice pack |
| Trichinella Tissue Examination Acid Pepsin digest | 27.50 | Parasitology | M-F | 7 days | muscle tissue | wide mouth leak-proof | Refrigerate |
| Trichomonas Fecal Examination Trichomonas pouches are available from AHDC Shipping | 25.00 | Parasitology | M-F | 12 days | fecal swab in trichomonas In-Pouch (see instructions with In-Pouch) | trichomonas In-Pouch | Do NOT Refrigerate |
| Triglycerides See Test Info and Protocols for more information Test reference ranges can be found at Clinpath Reference Intervals. For test interpretation, refer to eclinpath.com | 11.00 /sample (blood, fluid) | Clinical Pathology | M-Sa | 1-2 days | 1) 1 mL separated serum or heparinized plasma; 2) fluid | Red top (non-anticoagulant) or green top (heparin) tube | Refrigerate |

Animal Health Diagnostic Center Test and Fee Schedule

| Test Name | Test Fee | Discipline | Test Days | Lag** | Samples | Container | Coolant |
|--|---------------|--------------------|-----------|-----------------|---|--|--|
| Unstained Histology Slides Prepared Slides or PCR tubes prepared from (FFPE) blocks. Unstained slides or PCR tubes containing 2-3 (10uM) unstained tissue sections prepared from anatomic pathology cases that have been or are in the process of being reported on. These unstained slides or PCR tubes are prepared for the purpose of sending to another testing facility for slide review or referral analysis. Additional charges may be applied for shipping and handling. Price is per slide or PCR tube prepared. | 5.25 | Anatomic Pathology | M-F | 5 business days | Paraffin embedded tissue block | | Room temperature |
| Urea Nitrogen Test for blood urea nitrogen in serum, plasma or other fluid. See Test Info and Protocols for more information For test interpretation, refer to eclinpath.com Test reference ranges can be found at Clinpath Reference Intervals. | 11.00 | Clinical Pathology | M-Sa | 1-2 days | 1) 1 mL separated serum or heparinized plasma; 2) fluid | Red top (non-anticoagulant) or green top (heparin) tube | Refrigerate. Ship in insulated container with ice pack. |
| Urea Nitrogen, urine For test interpretation, refer to eclinpath.com | 16.50 | Clinical Pathology | M-Sa | 1-2 days | 1 mL urine | Red top (non-anticoagulant) tube | Refrigerate. Ship in insulated container with ice pack. |
| Ureaplasma Culture For the culture of Ureaplasma species. *May qualify for New York State contract pricing. Antimicrobial susceptibilities are not applicable. Test is also part of the Reproductive Panel 4 and Respiratory Panel 6. | 27.00 /sample | Bacteriology | M-F | 5-10 days | 1) Uterine, cervical or vaginal mucus; 2) Semen; 3) Tracheal washing or lung tissue; 4) Urine; 5) Aseptically collected swab of 1-4 | 1-4) Fluid or tissue in sealed sterile container; 5) Swab in Amies transport media WITHOUT charcoal | 1-4) Refrigerate |
| Uric Acid, urine For test interpretation, refer to eclinpath.com | 16.50 | Clinical Pathology | M-Sa | 1-2 days | 1 mL urine | Red top (non-anticoagulant) tube | Do NOT refrigerate. Send at room temperature in original container it was collected into. |
| Urinalysis, Routine Color, turbidity, dipstick (pH, TP, glucose, ketones, bilirubin, blood), specific gravity, sediment exam For test interpretation, refer to eclinpath.com | 25.00 | Clinical Pathology | M-Sa | 1-2 days | 10 mL fresh urine | leakproof container | Refrigerate. Ship overnight in insulated container with freezer packs. |
| Urine Culture For the isolation of aerobic bacteria from the urinary tract. *May qualify for New York State contract pricing. It is recommended to collect and submit urine collected by Cystocentesis. Please indicate method of collection. Antimicrobial susceptibilities are not included in the testing fee. Refer to Urine Antimicrobial susceptibilities. Urine Transport Tubes are available for purchase from our Supply Center. Performing cytology in conjunction with culture is also recommended to aid in interpretation of results. | 20.00 /sample | Bacteriology | M-F | 2-7 days | 1) Urine; 2) Bladder tissue/stones; 3) Aseptically collected Swab of urine or bladder | 1) Urine Transport Tube (preferred) or other sterile container; 2) Tissue or stones in separate sterile sealed containers; 3) Swab in Amies transport media or other suitable transport medium for aerobic culture | (1-3) Ship overnight in insulated container with ice packs to arrive no later than 48 hours post collection. |
| Vesicular Stomatitis Virus (VSV) IND SN IND strain Serum samples are stable at room temperature for several days. If longer, refrigerate or freeze. Paired serum samples are recommended for optimal diagnostic test interpretation. | 10.00 | Virology | M, W, F | 2-4 days | 1 ml serum | red top blood collection tube | It is recommended to ship samples with an ice pack. |
| Vesicular Stomatitis Virus (VSV) NJ SN NJ strain Serum samples are stable at room temperature for several days. If longer, refrigerate or freeze. Paired serum samples are recommended for optimal diagnostic test interpretation. | 10.00 | Virology | | 2-4 days | 1 ml serum | red top blood collection tube | It is recommended to ship samples with an ice pack. |
| Virus FA See also specific Viral FA tests Refer to individual FA tests | 25.00 /animal | Virology | M-F | 2-4 days | Tissues or fluids. Contact lab if there are questions about sample suitability. | Sealable plastic bag or container for tissues; Leakproof container for fluids and swabs in Viral Transport Medium | Ship in insulated container with ice pack |

Animal Health Diagnostic Center Test and Fee Schedule

| Test Name | Test Fee | Discipline | Test Days | Lag** | Samples | Container | Coolant |
|--|---------------|-------------------------|-----------|---------------|---|--|--|
| Virus Isolation | 70.00 /animal | Virology | M-F | 21-30 days, s | 1) Tissue [target organs and blood-rich organs such as lymph nodes, spleen, lungs, kidney, heart, liver, brain] OR 2) Cerebrospinal fluid Or 3) EDTA whole blood OR 4) antemortem nasal swab AND 5) urine (see comment) | 1) Tissue in leakproof unbreakable containers 2) sterile, leakproof container; 3) EDTA blood tube; 4) in sterile leakproof container with 2-3 drops sterile saline or in Virus isolation media (not bacterial transport media) | Ship in insulated container with freezer packs for next day delivery pack |
| <p>See also specific Virus Isolation tests or clinical presentation Best sample may depend upon suspected viral infection and pathophysiology related to viremia, infected tissue and viral shedding. Recent investigations indicate that urine is a good antemortem sample for detection of some viruses. There is generally a lack of information regarding viral detection in urine samples for many viral diseases. Please include urine if it is available when you are submitting other samples for virus isolation for our investigational use. No extra charges will be incurred. Refer also to individual Virus Isolation tests. Call lab ahead before sending reptile samples. Swabs in bacterial transport medium are not appropriate for virus isolation or PCR testing. If viral transport media is unavailable, put swabs in a red top tube with a few drops of saline.</p> | | | | | | | |
| Vitamin A in serum | 30.00 each | Toxicology | Tu, Th | 5 days | Serum, separated from clot. | Avoid preservatives such as Citrate or EDTA. No Gel Clot Vacutainer Tubes. | Refrigerate |
| <p>(High Performance Liquid Chromatography) Analysis for retinol (vitamin A) using HPLC. Separate serum and remove from clot immediately. Protect from light and keep cool.</p> | | | | | | | |
| Vitamin E in serum | 30.00 each | Toxicology | Mon, Th | 5 days | Serum, separated from clot | Avoid preservatives such as Citrate or EDTA. No Gel Clot Vacutainer Tubes (SST tubes). | Refrigerate |
| <p>Vitamin E (as alpha-tocopherol) by High Performance Liquid Chromatography Analysis for alpha-tocopherol (vitamin E) using HPLC. Separate serum and remove from clot immediately. Failure to remove serum from clot may lead to inaccurately low vitamin E levels. Protect from light and keep cool. We strongly recommend that Vit E (serum) and Selenium (Heparin or EDTA whole blood) be tested together.</p> | | | | | | | |
| von Willebrand factor - large animal/exotic | 48.50 | Comparative Coagulation | 1x/wk | 14 days | 1 mL citrate plasma (separated) EDTA plasma is acceptable | plastic or siliconized glass tube in styrofoam box | Cold pack or dry ice |
| <p>von Willebrand factor concentration, ELISA method Test offered for species other than dog and cat. For additional info go to Submission Guidelines, or see Comp Coag web page</p> | | | | | | | |
| von Willebrand factor Collagen Binding Assay | 43.00 | Comparative Coagulation | bi-weekly | 1-2 wks | citrate plasma | plastic or siliconized glass tube in styrofoam box | Refrigerate/ship on cold pack |
| <p>Functional ELISA Ship Overnight: requires vWF:Ag on same sample; for additional info on Submission Guidelines, or see Comp Coag web page</p> | | | | | | | |
| West Nile Virus (WNV) PCR | 36.75 | Virology | M-F | 3-5 days | AVIAN: 1) Brain, heart, kidney, bone marrow; 2) EDTA Whole Blood; 3) Oropharyngeal or Cloacal swab; MAMMAL:4) CSF; 5) Brain or spinal cord. WHOLE BLOOD IS NOT AN ACCEPTABLE SPECIMEN FOR MAMMALS | 1,5) Sealable plastic bags or containers; 3) Swabs in Virus transport medium; 2,4) Leakproof container | Freezer Packs |
| <p>PCR Swabs in bacterial transport medium are not appropriate for virus isolation or PCR testing. Whole blood is an acceptable sample only for Avian testing, not for Mammals This service is performed pursuant to an agreement with Roche Molecular Systems.</p> | | | | | | | |
| West Nile Virus (WNV) SN | 14.50 | Virology | Thursday | 7-14 days | 1 ml of serum (preferred) or plasma | red top blood collection tube | It is recommended to ship samples with an ice pack. |
| <p>serum neutralization Serum samples are stable at room temperature for several days. If longer, refrigerate or freeze. Acute and convalescent serum samples are recommended for optimal diagnostic test interpretation. Currently at the AHDC, this test is used primarily for mammalian species.</p> | | | | | | | |
| White Blood Cell (WBC) Count, Total | 7.00 | Clinical Pathology | M-Sa | 1-2 days | EDTA blood (> 1/2 full) | lavender top tube | Refrigerate purple top tube. Ship overnight in insulated container with freezer packs. |
| <p>Automated count of total leukocytes in blood. Mammals only. Do not allow coolant to come in contact with specimen: ship Overnight</p> | | | | | | | |

Animal Health Diagnostic Center Test and Fee Schedule

| Test Name | Test Fee | Discipline | Test Days | Lag** | Samples | Container | Coolant |
|---|---------------|-----------------------|-----------|----------|--|---|---|
| White Blood Cell (WBC) Panel Automated WBC count, manual leukocyte differential, WBC morphology. Do not allow coolant to come in contact with specimen or slides; ship overnight. For additional info on Clin Path panels | 16.50 | Clinical Pathology | M-Sa | 1-2 days | 1) EDTA blood > 1/2 full; 2) 2 dry (unfixed, unstained) blood smears | 1) lavender top tube; 2) frosted-end slides | Refrigerate purple top tube. Ship overnight in insulated container with freezer packs. Keep slides at room temperature; protect from chilling/coolant by insulating separately during shipment. |
| Whole Genome Sequencing of Bacterial Isolates Bacterial isolates will be sequenced and submitted to NCBI SRA according to FDA/PulseNet procedures. Additional analyses may include serotype/pathotype prediction by 7-gene MLST, antimicrobial resistance gene profiling, and source tracking. Up to two isolates will be sequenced at \$50. Please contact the lab for quotes for larger submissions. A \$20 bacterial prep fee will be charged for each culture submission (this will not apply to DNA submissions). | 50.00 | Molecular Diagnostics | Monthly | Variable | Slant or frozen glycerol stock. | | Room Temperature |
| Yersinia Culture For the isolation of Yersinia enterocolitica. Antimicrobial susceptibilities are not included in the testing fee. | 16.00 /sample | Bacteriology | M-Sa | 2-7 days | 1) Fresh feces or intestinal contents; 2) Ligated ileum or jejunum; 3) Mesenteric lymph node; 4) swab of 1-3 | 1)Feces in sealed sterile container or ParaPak; 2-3) Tissue in Separate sealed sterile containers; 4)Swab in Amies transport media or other suitable aerobic transport medium | 1-3) Refrigerate EXCEPT ParaPak (keep at room temperature) |
| Zinc, serum/plasma For avian and exotics, contact Lab | 30.00 /sample | Toxicology | M-F | 2 days | 1) 2 mL serum; or 2) 2 mL heparinized plasma in a green top tube | 1) 2 mL serum; or 2) 2 mL heparinized plasma; Royal blue-topped tube (trace mineral tube) preferred. No gel clot. | 1-2) Refrigerate. Ship in insulated container with ice pack. |