CVM Veterinary Medical Diagnostic Laboratory Equine Submission Form

1-800-UMC-VMDL  800-862-8635  Fax 573-882-1411

VMDL, 901 E. Campus Loop, Columbia, MO 65211  VMDL, PO Box 6023, Columbia, MO 65205

Acct No  Date Sample Taken  Date Sent
Phone  Owner
Veterinarian
Clinic
Address
City  State  Zip

Animal Name/ID  Species  Breed  Sex  Age  Weight
No. in Group  Sick  Dead  Raised on Premises?  If purchased, when?  New introductions?
Date Introduced  Date noticed sick  Euthanized?  Method?  Time/ Date of Death

Presenting complaint/Systems of interest: Choose as many as apply

- Normal
- Fever
- Neurological
- Hepatic
- GI/Diarrhea
- Abortion/Repro Failure
- Endocrine
- Sudden Death
- Urinary/urogenital
- Musculoskeletal/lameness
- Edema
- Ocular
- Neoplasia/Mass
- Chronic weight loss
- Cardiac
- Respiratory
- Anorexia
- Dermatological
- Erosion/Vesicular
- Other

Clinical/Differential Diagnosis: ____________________________________________________________

Additional History: ____________________________________________________________

☐ Necropsy Exam  ☐ Necropsy+Histopathology  ☐ Necropsy+Histo with Laboratory Tests  ☐ Abortion Panel
☐ Biopsy  ☐ Toxicology (additional fees)  ☐ Mail-In Necropsy with Lab Tests **There may be an additional fee for MULTISYSTEMIC (enteric AND respiratory) examinations of mail-in and necropsy specimens.

If skin biopsy, (circle all applicable) erythema, pruritus, macules, papules, pustules, ulceration, crusts, hyperkeratosis, scales, alopecia, lichenification, hyperpigmentation, depigmentation, excoriation, other ____________________________________________________________

*Duration ___________  *Margins inked/Tagged?  *Treatment

When started/how long?  Response to therapy?  yes  no  partially

If tumor, Size ___________________________  Duration ___________________________  Rate of growth slow  fast  Recurrence  yes  no

Circle lesions
Mark “X” for biopsy locations

Sample Type
☐ Tissue, Fresh  ☐ Blood
☐ Tissue, Fixed  ☐ Serum
☐ Feces  ☐ Urine
Other ___________________________

Cytologic Exam—Label slides with animal ID & site
Pertinent clinical information

☐ Cytology -- list site(s)
Circle Collection Method: Washes  Aspirates  Imprints  Brushes  Scrapings  Other ___________________________

☐ Multiple Lymph Node Cytology  (2-4 Lymph Nodes) -- list site(s)

☐ Fluid Analysis, including Cytology -- Send Fluid in an EDTA tube along with slides
Circle fluid type: Pleural  Peritoneal  Synovial  Pericardial

☐ CSF Analysis -- Call for instructions

☐ Bronchoalveolar Lavage -- Send Fluid in an EDTA tube along with slides

Bacteriology  ☐ Feces  ☐ Swab from  ☐ Tissue from  ☐ Urine: ___Cystocentesis ___Free Catch  ☐ Other

☐ Aerobic bacterial culture with up to 3 susceptibilities (fixed price and MUST select before tests run)
☐ Aerobic culture  ☐ Anaerobic culture  ☐ Antimicrobial susceptibility  ☐ Blood culture  ☐ Abortion Screen  ☐ Fungal culture
Treated with antibiotics recently?  Y/N  Antibiotic used, when, and last dose ___________________________

Lab use only: ☐ Cold Pac  ☐ Frozen  ☐ None  ☐ Room Temp.
Sample Condition  ☐ Broken  ☐ Leaked  ☐ Other

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All tests not listed. Call the VMDL 1-800-862-8635, or refer to [www.vmdl.missouri.edu](http://www.vmdl.missouri.edu) for more information.

**Toxicology** □ Feed □ Blood □ Serum □ Fresh Tissue/Stomach contents □ Other ______________________ □ Consult Toxicologist
□ Lead □ Mycotoxin Screen □ Ergot Alkaloids in feedstuffs □ Ergot/Fescue Alkaloids in feedstuffs □ Fumonisin B1 in feedstuffs (quantitative) □ Ionophore screen □ Chemical Analysis of Stomach Contents □ Other ______________________

**Rabies testing:** □ Brain only □ Entire body with brain removal and carcass disposal [send out]

**Panels**

**Equine Enteric**: *Salmonella, Lawsonia, Potomac Horse Fever (EDTA blood and feces) □ PCR*
**Equine Enteric: plus Clostridium difficile toxin A&B ELISA and Clostridiumperfringens ELISA (call for instruction) □*
**Equine Neurologic**: Herpesvirus and West Nile Virus (EDTA blood, brain tissue, nasal swab for EHV) □ PCR

**Serology** □ 1 ml serum, redtop or separator tube - PCR/Virology EDTA whole blood, CNS fluid, swabs, tissues, feces or as noted

- Aspergillus □ AGID □ Leptospira □ MA (6 serovars) □ PCR
- Equine Herpesvirus □ SN □ EHV 1&4 PCR □ Potomac Horse Fever □ PCR (Feces & EDTA blood)
- Equine Infectious Anemia (EIA) □ ELISA or AGID □ Rotavirus A □ PCR
- Equine Viral Arteritis □ ELISA □ SN □ Salmonella □ PCR
- Histoplasmosis □ AGID □ West Nile IgM (equine only) □ ELISA
- Influenza A □ PCR □ West Nile □ PCR

**Other ________________________

**Clinical Pathology  **  **Must Provide**  **Date Sample Taken**

<table>
<thead>
<tr>
<th><strong>Chemistry</strong> – centrifuge and remove serum/plasma into a separate tube</th>
<th><strong>Hematology</strong> □ CBC - Submit EDTA tube &amp; smears (includes fibrinogen) □ Fibrinogen □ Smear Exam for___________ □ Other ________</th>
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<tbody>
<tr>
<td>Specimen type: □ Serum □ Plasma □ Urine □ Other _______________ □ MAXI Profile □ MINI Profile □ RENAL Profile □ LIVER Profile □ Bile Acid Single □ Foal IgG □ Urine Protein/ Creatinine Ratio □ Other _______________</td>
<td><strong>Endocrinology</strong> □ Progesterone(1 mL serum) □ Endogenous ACTH (1 mL EDTA Plasma)</td>
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<tr>
<td><strong>Urinalysis</strong> (For Courier/Local Samples Only) □ Voided □ Cystocentesis □ Catheter □ Off Floor □ Complete UA □ UA w/o Sediment Exam □ Other (specify) __________</td>
<td></td>
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<tr>
<td>□ Flotation □ Fecal Occult Blood □ Baermann □ Other (specify) __________</td>
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**Other ________________________

Important reminders:

*Please, label all specimens with the tissues present.

*BIOPSY: Tissues should be fixed for 24 hours in a formalin solution of 10:1 tissue volume and then transferred to a smaller container with formalin for shipping.

*Fresh/Fixed: Please, place the fresh tissues in a separate, sealable container to prevent formalin fumes from affecting culture results.

*PCR tissues: fresh in whorl packs, EDTA (purple top), whole blood (red top), CNS fluid, swabs, or as noted

Clients submitting specimens are considered to have agreed to VMDL testing procedures, policies and fees (view at: [http://www.vmdl.missouri.edu/](http://www.vmdl.missouri.edu/)). Specimens become the property of the VMDL.