CVM Veterinary Medical Diagnostic Laboratory Equine Submission Form

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

VMDL, 810 E. Campus Loop, Columbia, MO 65211

Courier Address www.vmdl.missouri.edu US Mail Address

VMDL, PO Box 6023, Columbia, MO 65205

Acct No ______________________ Email ______________________ Date Sample Taken ________ Date Sent ________

Phone __________ Fax __________

Veterinarian

Owner

Address

City

State

Zip

Phone

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
- Abortion/Repro Failure
- Edema
- Respiratory
- Production/Performance decline
- Fever
- Endocrine
- Ocular
- Anorexia
- Hematological/Hemorrhage

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, excoriations, 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.

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Sample Condition □ Broken □ Leaked □ Other

Supersedes: 7/15/16 Issued: 6/28/17
All tests not listed. Call the VMDL 1-800-862-8635, or refer to 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 *Clostridium perfringens* ELISA (call for instruction) □
**Equine Neurologic:** Herpesvirus and West Nile Virus (EDTA blood, brain tissue, nasal swab for EHV) □ PCR

<table>
<thead>
<tr>
<th>Serology 1 ml serum, redtop or separator tube - PCR/Virology EDTA whole blood, CNS fluid, swabs, tissues, feces or as noted</th>
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<tbody>
<tr>
<td>Aspergillus □ AGID</td>
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<tr>
<td>Equine Herpesvirus □ SN □ EHV 1&amp;4 PCR</td>
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<tr>
<td>Equine Infectious Anemia (EIA) □ ELISA or AGID</td>
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<tr>
<td>Equine Viral Arteritis □ ELISA □ SN</td>
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<tr>
<td>Histoplasmosis □ AGID</td>
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<td>Influenza A □ PCR</td>
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**Other**

**Clinical Pathology  Must Provide  Date Sample Taken**

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