**Abortion Diagnosis Kit**

<table>
<thead>
<tr>
<th>Species</th>
<th>Breed</th>
<th>Age</th>
<th>Sex</th>
<th>Breeding System:</th>
<th>Al</th>
<th>Bull</th>
</tr>
</thead>
</table>

**Animal ID (name/tag#)** | Animal Weight | No. in group | No. on Premises | No. Abortions this outbreak: | Gestational Age: |

**Current vaccinations:**
- [ ] IBR
- [ ] BVD
- [ ] PI3
- [ ] Lepto
- [ ] H.somnus
- [ ] C.fetus

**Date:**

**Clinical disease preceding abortion:**
- [ ] In the dam
- [ ] In the herd / group

**Type:**
- [ ] Enteric
- [ ] Respiratory
- [ ] Other

**Herd abortion problem is judged:**
- [ ] Sporadic
- [ ] Continuing problem
- [ ] Recent outbreak

**Previous submission last 30 days?**
- [ ] Yes
- [ ] No

**Additional History:**
Include any recent observations of stillbirths, birth of weak calves, perinatal disease, etc.

**Bovine Stillbirth / Weak calf Research Project - Spring '07 Calving** (form expires 7/1/07)

**Contacts:**
- Dr. John Gay, AAHP FDIU Epidemiologist (509-335-0785 jmgay@vetmed.wsu.edu)
- Dr. Gary Haldorson, WADDL Pathologist (509-335-6332 gjh@vetmed.wsu.edu)

**Veterinarian's or Clinician's Signature:**

**Condition(s) Suspected:**

Note: WADDL reserves the right to modify the tests requested for more efficient case work-up.
### SAMPLES FOR BOVINE STILLBIRTH RESEARCH PROJECT

*(to accompany WADDL Bovine Abortion Accession Form)*

**Animal Identification:** __________________________

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### MICROBIOLOGY

<table>
<thead>
<tr>
<th>Sample</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fetal Lung</td>
<td></td>
</tr>
<tr>
<td>Fetal Liver</td>
<td>(pooled in whirl top bag)</td>
</tr>
<tr>
<td>Fetal Spleen</td>
<td></td>
</tr>
<tr>
<td>Fetal Kidney</td>
<td></td>
</tr>
<tr>
<td>Fetal Stomach Content</td>
<td>(red top tube)</td>
</tr>
<tr>
<td>Fetal Thoracic Fluid</td>
<td>(red top tube)</td>
</tr>
<tr>
<td>Placenta</td>
<td>(separate whirl top bag from other fetal tissues)</td>
</tr>
</tbody>
</table>

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### SEROLOGY

- **Maternal Serum** (red top tube) 
- At time of abortion (acute); convalescent sample (10-14 days after abortion)

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### TOXICOLOGY

<table>
<thead>
<tr>
<th>Sample</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fetal Liver</td>
<td>Collect in two whirltop bags (in addition to the pooled sample above)</td>
</tr>
<tr>
<td></td>
<td>approximately 10g (small egg size) for Se analysis in one bag and 10g in a</td>
</tr>
<tr>
<td></td>
<td>second bag for potential vitamin/mineral analysis</td>
</tr>
</tbody>
</table>

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**10% NEUTRAL BUFFERED FORMALIN**

*(Histopathology - fixative volume at least 10 x tissue volume)*

- **Thyroid gland**
- **Lung**
- **Salivary Gland**
- **Sciatic nerve**
- **Cervical Spinal Cord**
- **Eyelid Skin**
- **Placenta (cotyledon and intercotyledon)**
- **Liver**
- **Spleen**
- **Kidney**
- **Brain (whole) (even if autolyzed)**
- **Heart**
- **Skeletal muscle (tongue, diaphragm)**
- **Adrenal gland**
- **Lymph node (mesenteric)**
- **Thymus**

*(for pictoral sampling guidance, see http://www.vetmed.wsu.edu/courses-jmgay/documents/StillbirthSampling.pdf)*