Bovine Abortion

1. Examine placenta and fetus for any external abnormalities.
3. Open abdomen and chest. With a sterile syringe and needle aspirate heart blood or thoracic fluid. Place in a sterile tube & label.
4. Aspirate fluid from the abomasum. Place in a sterile tube, label, and submit.
5. Collect remaining samples and record any abnormalities.

Please submit the following samples for diagnostic testing along with a general submission form. Label all samples. If no specific tests are requested the pathologist will run appropriate tests at their discretion.

You will need:
   1) container with formalin
   2) sterile tubes, syringes, and needles
   3) whirl pak bags for fresh tissue

Fresh Tissues (place in clean bags, i.e. whirlpacks)
   1) lung
   2) liver
   3) kidney
   4) lymph node
   5) spleen
   6) heart
   7) thymus
   8) placenta-2-3 sections with cotyledons (place in separate bag)

Fresh Fluids (place in individual sterile tubes)
   1) abomasal contents
   2) thoracic fluid

Fixed Tissues (place in formalin)
   1) placenta (4-5 sections)
   2) thyroid gland
   3) heart
   4) lung
   5) spleen
   6) liver
   7) kidney
   8) adrenal glands
   9) brain
10) skeletal muscle (3 sections)

Additional Available Tests
1) globe or ocular fluid (nitrate levels)

### Routine Tests

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<tr>
<th>Test</th>
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<tbody>
<tr>
<td>Abortion Panel</td>
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<tr>
<td>Leptospira PCR</td>
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<td>BVDV PCR</td>
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<tr>
<td>Serology (Neospora, Bluetongue, BVDV, Leptospirosis)</td>
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<tr>
<td>Histopathology</td>
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### Additional Available Tests

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<tbody>
<tr>
<td>Virus Isolation</td>
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<td>Toxicology (nitrate levels)</td>
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