Bovine General Necropsy

Sampling-

Formalin- these tissue sections should be less than 1 cm in thickness, except for the brain.
- Trachea
- Heart- 3 sections
- Lymph nodes- 3 different nodes
- Gall bladder
- Kidney
- Reticulum
- Abomasum
- Colon- 2 sections
- Urinary bladder

Formalin- Place tissue sections in formalin, seal container and place back in large ziplock bag with orange top containing absorbent material and seal.

Trachea- Esophagus
Heart- 3 sections- Lung – 3 sections
Lymph nodes- 3 different nodes- Liver
Gall bladder- Spleen
Kidney- Rumen
Reticulum- Omasum
Abomasum- Small intestine- 3 sections
Colon- 2 sections- Skeletal muscle- 3 sections
Urinary bladder- Brain- 2x2 inch section of each cerebrum & cerebellum with brain stem

Fresh Tissue- sections of tissue approximately 2x3 inches. Place them in whirl-pack bags accordingly. Roll top of bags down and twist yellow ends to close. Collect intestine and colon last.

- Whirl-pack #1
  - Lung, Trachea,
  - Thoracic Lymph node
- Whirl-pack #2
  - Liver, Kidney, Spleen
- Whirl-pack #5
  - Rumen content

- Whirl-pack #3
  - Mesenteric lymph node
- Whirl-pack #4
  - Small intestine- 4 inch long section
- Whirl-pack #4
  - Colon- 4 inch long section

Nasal swab- Use an eswab to swab nasal cavity then place in media for transport.

Feces- fill 50 ml screw-top tube ½ full.

Ocular fluid- aspirate with sterile needle and syringe then place in red top tube.

Shipping-

Formalin- Place tissues in formalin, seal container and place back in large ziplock bag with orange top containing absorbent material and seal.

Fresh Tissue- Place all sealed whirl-pack bags except intestines in large ziplock bag and seal. Place whirl pack with intestines in small ziplock bag and seal.

Feces- Place properly sealed 50ml screw cap collection tube in small ziplock bag and seal.

Eswab & Ocular fluid- Place tube with media and swab in small zip lock bag and seal.

Place frozen ice packs in the insulated bubble mailer along with all fresh samples (whirl packs, swabs, and feces) and seal. Complete Bovine Submission form and place in small ziplock bag. Place all samples in insulated box and seal.