



## **Bovine General Necropsy**

### **Sampling-**

**Formalin-** these tissue sections should be less than 1 cm in thickness, except for the brain.

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 #3**

Mesenteric lymph node

#### **Whirl-pack #2**

Liver, Kidney, Spleen

#### **Whirl-pack # 4**

Small intestine- 4 inch long section

Colon- 4 inch long section

**Nasal swab-** Use viral swab to swab nasal cavity then place in media for transport.

**Feces-** fill red screw-top tube ½ full.

### **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 red screw cap collection tube in small ziplock bag and seal.

**Viral swab-** Place tube with media and swab in small ziplock bag and seal.

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