

**OAHN Swine Small Scale Herd Postmortem Project**

**Neurologic Disease in Sows /Gilts / Boars (1 animal per case)**

**TISSUE SAMPLING LIST**

**Fresh tissues:** 1 sample per Whirl-Pak bag, per pig – label with stickers provided.

**Formalin-fixed tissues:** 1 sample jar per pig

<b>Tissue</b>	<b>Fresh (including lesions)</b>	<b>In Formalin (including lesions)</b>
Tonsil	X	X
Thyroid gland		X
Trachea		X
Thymus		X
Lung	X 2	X
Heart		X
Liver	X	X
Spleen	X	X
Kidney	X	X
Adrenal gland		X
Pancreas		X
Mesenteric lymph node	X	X
Gastrohepatic lymph node	X	X
Stomach		X
Duodenum		X
Jejunum		X
Ileum		X
Spiral colon		X
Diaphragm and skeletal muscle		X
Brain <b>(OR submit head intact)</b>	X half, sagittally sectioned AND meningeal swab	X half, sagittally sectioned
Spinal cord <b>(or vertebral column removed <i>en bloc</i>)</b>	X	X



## Neurologic Disease in Sows /Gilts / Boars (1 animal per case)

**Fresh tissues:** Use a separate Whirl-Pak bag for each sample –label bags with the stickers provided (tissue name).

**Formalin-fixed tissues:** Use 1 sample jar per pig. For solid organs, samples should be approximately 1-2 cm<sup>2</sup>. For intestine, take approximately 3 cm long segments and partially open longitudinally with scissors (to allow formalin to contact the mucosal surface).

### Test list (for AHL use – included on submission form) :

Virology: PRRSV PCR *prtqn*, influenza A virus PCR *inflpcr*: lung

Bacterial culture *bsetup*, *cults*: meningeal swab

Histopathology *hist*

Freeze and hold: tonsil / spleen, lung, kidney / liver, lymph nodes, brain, spinal cord.



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