

Table of Specimen Collection

SPECIES	TISSUES FOR MICROBIOLOGICAL AND HISTOLOGICAL EXAMINATION	BLOOD SAMPLES	OTHER
Bovine	Skin and nasal swabs, prescapular lymph node (LN), body cavity fluids, joint fluids, liver, kidney, mesenteric LN, lung, heart, tracheal swab, 3" tied-off section of small intestine and ileum (affected area if present), 1/2 brain, any specific lesion.	Serum, 10 ml. Whole blood, 20 ml. EDTA. 6 blood smears - air dry, fix in methanol.	External parasites (alcohol)
Porcine	Skin swab, fluid from any affected joint, body cavity fluids, spleen, liver, kidney, gastrohepatic and mesenteric LN, lung, tonsil, 3" tied-off loop of small intestine and colon, 1/2 brain, any specific lesion.	Serum, 10 ml. Whole blood, 20 ml, EDTA. 6 blood smears - air dry, fix in methanol.	External parasites (alcohol)
Equine	Prescapular LN, mandibular LN, body cavity fluids, spleen, liver, kidney, mesenteric LN, 1/2 brain, any specific lesion. Swabs - if contagious equine metritis suspected.* Mares - cervical, urethral, clitoral. Stallions - penile sheath, urethral fossa, urethra.	Serum, 20 ml. Whole blood, 20 ml, heparinized. 6 blood smears - air dry, fix in methanol.	External parasites (alcohol)
Ovine or Caprine	Skin and nasal swab, prescapular LN, mammary tissue, body cavity fluids, spleen, liver, kidney, mesenteric LN, lung, pleural LN, tracheal and bronchial swabs, 1/2 brain, any specific lesion.	Serum, 10 ml. Whole blood, 10 ml, heparinized. 6 blood smears - air dry, fix in methanol.	External parasites (alcohol)
Avian	Tracheal and cloacal swabs, liver, spleen, kidney, lung, trachea, bone marrow, heart, ovary, brain, terminal intestine, bursa of Fabricius, any specific lesion.	Serum, 2 ml.	External parasites (alcohol) Tracheal and nasal swab
Vesicular	Vesicular fluid (all that is obtainable), vesicular lesion epithelium, flaps of epithelial tissue, esophageal-pharyngeal fluid (10 ml before dilution with tris-buffered tryptose broth, pH 7.4-7.6 with phenol red). In addition, if dead--prescapular LN, adrenal, kidney, thyroid, heart, tonsil, mandibular LN.	Serum, 10 ml.	

*Amies transport medium with charcoal required; specimens must reach the NVSL within 48 hours after collection.

Last Modified: March 28, 2013