

Disease Suspected	Specimen	Sample Preparation	Laboratory Procedure
Abortion	Fetus	Refrigerate	Culture-sensitivity, Reference lab - IgG, PCR, etc.
<i>Actinobacillus pleuropneumoniae</i>	Lung	Refrigerate	Culture-sensitivity, Serotyping (via PCR)
		10% Formalin	Histopathology
	Serum	Refrigerate	Serology
Arthritis	Joint fluid, Joint	Refrigerate	Culture-sensitivity
		10% Formalin	Histopathology
Rhinitis	Snout, Turbinates, Nasal swabs	Refrigerate	Culture-sensitivity
		10% Formalin	Histopathology
Coccidiosis	Small intestine	Refrigerate	Smear
		10% Formalin	Histopathology
Colibacillosis	Small intestine	Refrigerate	Culture-sensitivity, PCR type & toxin test
		10% Formalin	Histopathology
Enteritis (non-specific)	Small intestine	Refrigerate	Culture-sensitivity, Smear, Anaerobic culture/typing TGE Immunohistochemistry (IHC), Rotavirus
		10% Formalin	Histopathology
<i>Clostridium perfringens</i>	Small intestine	Refrigerate	Anaerobic culture-sensitivity, Toxin PCR (typing)
		10% Formalin	Histopathology
<i>Clostridium difficile</i>	Colon, Fecal swabs	Refrigerate	Culture, A/B toxin ELISA , A/B toxin PCR
Edema disease	Brain, Small intestine	Refrigerate	Culture-sensitivity, PCR type & toxin test
		10% Formalin	Histopathology
Erysipelas	Heart, Lymph node, Liver, Spleen, Joints, Joint fluid	Refrigerate	Culture-sensitivity
		10% Formalin	Histopathology
<i>Haemophilus parasuis</i> (Glasser's disease-polyserositis)	Joint cavity or fluids, Meninges, Lung, Exudate, Heart	Refrigerate	Culture-sensitivity, PCR
		10% Formalin	Histopathology
Ileitis (<i>Lawsonia intracellularis</i>)	Ileum, Feces	Refrigerate	PCR at reference lab
		10% Formalin	Histopathology
Influenza	Trachea, Lung, Nasal swabs (in viral transport media)	Refrigerate	Virus isolation, PCR, Subtyping, Sequencing, BinaxNOW®
	Lung	10% Formalin	Histopathology, IHC
	Serum	Refrigerate	Serology (HI/ELISA)
Mycoplasmosis	Lung	Refrigerate	Culture
		10% Formalin	Histopathology, PCR detection/speciation
	Serum	Refrigerate	Serology
PRRS	Lung	Refrigerate/frozen	Virus isolation, PCR
		10% Formalin	Histopathology, IHC
	Serum	Refrigerate	Serology, PCR, Virus isolation, Sequencing
	Blood swab, Semen	Refrigerate	PCR
Porcine circovirus (PCV2)	Lung, Spleen, Lymph nodes, Kidney, Intestine, Pancreas	Refrigerate	Virus isolation, PCR detection & sequencing
		10% Formalin	Histopathology
Rotavirus	Small intestine	Refrigerate	PCR (types A & C), VI, Sequencing, RotaStat
		10% Formalin	Histopathology
Salmonellosis	Small and large intestine, Liver, Lung, Spleen, Feces, Mesenteric lymph node	Refrigerate	Culture-sensitivity, Serotyping at reference lab
	Small and large intestine	10% Formalin	Histopathology
Salt Poisoning	Brain	10% Formalin	Histopathology
<i>Streptococcus suis</i>	Brain, Lung, Joint, Liver, Spleen	Refrigerate	Culture-sensitivity, Serotyping
		10% Formalin	Histopathology
Transmissible Gastroenteritis (TGE)	Small intestine, Ileum	Refrigerate	Histopathology
		10% Formalin	IHC