



**Wisconsin Veterinary
Diagnostic Laboratory**
UNIVERSITY OF WISCONSIN-MADISON

**Sample Collection and Diagnostic Testing for
Required Wisconsin Swine Movement and Show**

The testing requirements for swine entering Wisconsin changed February 1, 2018. Porcine coming into Wisconsin (and/or moving within the state) will have to be tested for both Porcine Reproductive and Respiratory Syndrome (PRRS) and Swine Enteric Coronavirus Disease (SECD). WVDL currently offers PRRS ELISA, PRRS PCR, and SECD PCR testing on oral fluids.

Test	Sample Type	Test Set-Up	Result Available	Cost
PRRS ELISA	Oral Fluid	Wednesday	Within 24 hours	\$8
PRRS PCR	Oral Fluid	Tuesday	Within 24 hours	\$45
SECD PCR*	Oral Fluid	Tuesday	Within 24 hours	\$65
Porcine Oral Fluid PCR Panel (PRRS and SECD)	Oral Fluid	Tuesday	Within 24 hours	\$80

*includes Porcine Epidemic Diarrhea Virus (PEDV), Transmissible Gastroenteritis Virus (TGEV) and Swine Delta Corona Virus (SDCoV)

All samples must be received at WVDL by noon the day before the set-up

Keep in mind that the antibody PRRS ELISA test will likely be POSITIVE for vaccinated animals. It is also possible that oral fluids from pigs feeding on diets supplemented with spray-dried plasma of porcine origin may test POSITIVE on the PRRS ELISA due to the presence of PRRS virus antibodies in the porcine plasma supplement.

Swine Oral Fluids Sampling Instructions

1. Hang rope in pen above the ground at shoulder height of the pigs. Ensure that the cord is securely tied. Samples can be collected from individual pigs or collectively from pens (up to 30 animals).
2. Allow pigs to chew on the rope for 15-30 minutes. Wearing the first pair of gloves in the kit, remove rope from pen and place in large, clean, single-pouch bag.
3. Cut rope from cord used for hanging, and seal the top bag. Squeeze the rope through the bag to extract liquid from the sodden rope.
4. Wearing the second pair of gloves in the kit, tear or cut off corner of bag. Pour fluid content into labelled sample tube and cover securely with lid. **A minimum of 5mL of fluid is required.**
5. Place sample tube in smaller bag and close. Insert lab submission form into separate bag. Ship sample tube chilled on ice packs (not frozen) to lab.

Questions about swine testing requirements should be directed to the Department of Agriculture, Trade and Consumer Protection (DATCP) at

(608) 224-4874 or DATCPAnimalImports@wi.gov