

**Porcine Epidemic Diarrhea Virus (PEDV) Diagnostics available at the University of Nebraska-Lincoln,  
Veterinary Diagnostic Center**

The Veterinary Diagnostic Center has developed several PCR tests for Porcine Epidemic Diarrhea Virus (PEDV) and encourages veterinarians to submit samples from suspect herds.

One of the tests is a real time PCR test that will detect the presence of PEDV and differentiate Transmissible Gastroenteritis Virus (TGEV). Other tests include a quantitative PEDV test and a test to detect Delta coronavirus. Routine test results will be available the next working day after the samples arrive at our laboratory. For same-day results, please **contact the laboratory in advance**.

Veterinarians should submit several grams of fresh fecal or intestinal contents from affected pigs for testing. Samples should be sent via overnight delivery with cold packs as necessary. In addition, veterinarians are strongly encouraged to submit fresh and fixed sections of small intestine and colon for full diagnostic workup.

Mailing Address (USPS)

Veterinary Diagnostic Center  
University of Nebraska - Lincoln  
P.O. Box 82646  
Lincoln, NE 68501-2646

Delivery Address (FedEx and UPS)

Veterinary Diagnostic Center  
University of Nebraska - Lincoln  
Room 151 VDC  
Fair Street and East Campus Loop  
Lincoln, NE 68583-0907

Submission forms are available at:

<http://vbms.unl.edu/SubmissionForms>

Please call the UNL\_VDC at 402-472-1434 if you have specific questions, or contact Dr. Dustin Loy at [jdloy@unl.edu](mailto:jdloy@unl.edu) or Judy Galeota at [judith.galeota@unl.edu](mailto:judith.galeota@unl.edu)

General information about PED in swine herds can be found at:

<http://www.aasv.org/aasv%20website/Resources/Diseases/PorcineEpidemicDiarrhea.php>

Alan R. Doster, DVM, PhD, DACVP, Director  
Veterinary Diagnostic Center  
School of Veterinary Medicine and Biomedical Sciences  
University of Nebraska-Lincoln  
Lincoln, NE 68583-0907