

Collecting and Submitting Samples

PEDv Testing Guidelines

The Manitoba Agriculture Veterinary Diagnostic Services (VDS) laboratory is the sole provider of veterinary diagnostic testing in Manitoba for companion animals and the agriculture-food industry.

Steps to ensure fastest turnaround times for Porcine Epidemic Diarrhea virus (PEDv) results

- Target animals with clinical signs (e.g., diarrhea, soft stools) to collect five pools of five fecals per barn on site:
 - Sow barn: three dry sow, two in farrowing (include piglets).
 - Nursery/G/F: five containers per barn, evenly spread throughout.
- Collect fresh fecal samples using sterile swabs or gloves.
- Use solid screw cap containers.
- Fill up a container with less than ½ full (overfilling can cause leakage due to gas build-up).
- Label the container to include:
 - **complete** farm name (no abbreviations)
 - date
 - barn number or other identifier (if applicable)
- **While in the barn**, place sample in a clear plastic bag, label it to include:
 - **complete** farm name
 - veterinarian (or veterinary services provider)
- **When exiting the barn:**
 - disinfect first bag
 - place bagged samples in additional clear sterile plastic bag
- Keep samples cool (ice packs or refrigeration).
- Include a completed lab submission form or contact your veterinary service provider to send it for you, as we cannot process a sample without it.
 - The [lab submission form](#) is available on our website.



Biosecurity

- Be sure to maintain good biosecurity measures when delivering samples to the lab or drop off location.
For instance:
 - put on boot covers when stepping out of vehicle
 - remove boot covers when getting back into vehicle
 - ensure proper boot covers disposal in garbage

Contact us

- Go to manitoba.ca/agriculture and click [Veterinary Diagnostic Services Laboratory](#)
- Call us at 204 -945-8220 in Winnipeg
- Toll free at 1-844-769-6224
- Email us at vetlab@gov.mb.ca
- Follow us on Twitter [@MBGovAg](#)

Available in alternate formats upon request.