



Test for **four** cattle viral diseases with one panel

The Texas A&M Veterinary Medical Diagnostic Laboratory (TVMDL) offers veterinarians and cattle producers an affordable option in respiratory testing with the bovine respiratory disease virus (BRDv) PCR panel.

The BRDv PCR panel is four tests offered as one, and consists of bovine parainfluenza-3 virus (PI-3), bovine respiratory syncytial virus (RSV), infectious bovine rhinotracheitis (IBR - herpes virus) and a bovine viral diarrhea virus (BVD) qPCR.

This test offers value for use in both small and large cattle herds for diagnosing respiratory illness.

**Protecting animal and human health
through diagnostics**

tvmdl.tamu.edu

BRDv PCR panel specifics

TVMDL uses the real-time or quantitative polymerase chain reaction (qPCR) technique, which has enhanced sensitivity and specificity that helps detect the presence of these four major viral pathogens through identification of their genetic material. To create the most value for our clients, the BRDv PCR panel is a multiplexed assay which combines four different tests into one test, saving both time and money.

Specimen required:

Live animals: high nasal or pharyngeal swab, and EDTA blood.

Dead animals: fresh or frozen lung or affected tissue.

All must be stored refrigerated and shipped on cold packs.

Cost:

At \$45.00 for TVMDL clients, running the panel is more affordable than ordering individual tests, which would total almost \$100.

Turnaround time:

Once the specimen arrives at the TVMDL laboratory in College Station or Amarillo, on average, results are ready in three business days.

This panel is available at both full-service laboratory locations.

Questions on cattle diagnostics?
Contact one of our two full-service labs:

College Station 888.646.5623

Amarillo 888.646.5624

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