Detect BVDV infection with certainty

Dairy and beef producers lose an estimated $15–$88 per head because of bovine viral diarrhea, making it one of the world’s most damaging bovine diseases. Controlling the loss depends on routine screening to detect transient infection and the prompt identification and removal of persistently infected (PI) cattle—the primary source of BVDV transmission.

If pregnant cows become infected with BVDV between days 30 and 150 of gestation, they will likely produce a PI calf. PI animals shed the virus throughout their lives, continually exposing other animals to BVDV and causing increased medical expenses, reduced herd productivity and reproductive losses because of abortion, stillbirth and low birth-weight calves. These cattle often appear healthy, so diagnostic testing is essential. The IDEXX BVDV Ab Test provides the accuracy—and certainty—required to combat BVDV and maintain a healthy herd.

The IDEXX BVDV Ab Test Identifies BVDV Exposure in Your Herds

The IDEXX BVDV Ab Test identifies animals that have been recently infected or re-infected with BVDV—a strong indicator that PI cattle are in your herd and require identification. Used with bulk milk samples, the IDEXX test provides a rough assessment of herd status and helps determine next steps in BVDV management.

Comprehensive and Flexible

• Identifies infections with type I and type II strains
• Detects BVDV antibodies in serum, plasma and milk
• Measures the strength of numoral immune response to BVDV infection in bulk milk samples; movement of this level may be indicative of recent exposure to PI cattle

Accurate

• Provides 99.5% specificity and 96.3% sensitivity
• Performs as well as serum neutralization assays, with faster turnaround times

Rapid and Efficient

• Lets you identify infected animals quickly with 90-minute and overnight protocols
• Provides high throughput and support for automation using ready-to-use reagents and an indirect-ELISA format
• Runs on standard ELISA equipment and uses the same substrate, wash and stop solutions as other IDEXX BVDV assays
Fast, accurate detection provides the herd information—and confidence—you need to control BVDV. With the complete IDEXX portfolio of BVDV diagnostics, you'll gain effective tools to implement your herd health strategies.

References