

SIMPLE STEPS TO TEST YOUR CATTLE

1. Visit our website or call API for sample collection and shipping protocols.
2. Collect a milk, serum or ear notch sample according to API instructions.
3. Ship the samples to the API laboratory according to instructions.
4. Results will be reported directly to you and/or your veterinarian.
5. Isolate and/or remove positive animals.

ABOUT US

Animal Profiling International, Inc. is an American company dedicated to the improvement of animal health management through risk-assessment technologies.

API's industry experts provide the products and services that operators in the beef, dairy and food supply industries need to make their jobs more efficient and profitable.

The company has tested over 2.5 million head of cattle and dairy animals for BVD and currently services clients in over 40 U.S. states. In addition to BVD testing, the company also provides diagnostic services for the detection of BLV, Johne's Disease, Mastitis, Neospora and pregnancy.

www.animalprofiling.com

Bovine Viral Diarrhea (BVD)

Bovine Viral Diarrhea (BVD) virus continues to be the source of large losses in the dairy industry. Estimates based on studies show that a dairy with persistently infected (PI) animals can lead to losses of \$20-160 per head, annually.

PI animals are the main source for the continued spread of the virus; its removal from the herd lessens the negative effects of BVD, including decreased reproduction, poor health and reduced performance.

According to 2007 National Animal Health Monitoring Service (NAHMS) data, BVD virus was present in bulk tanks in 12.5% of dairies with over 500 head and 3.5% of dairies with 100-499 head. Our current data suggests that PIs are present in 10-25% of U.S. herds depending on region and size of herd. Herds in areas where expansion is taking place have higher incidences of infection.

Q. WHAT IS BOVINE VIRAL DIARRHEA?

A. BVD is a virus that is transmitted between animals via direct contact, much like a human flu or cold.

Q. WHY IS IT SO SERIOUS?

A. BVD suppresses the animal's immune system, enabling other disease organisms to invade. Salmonellosis, coccidiosis and other opportunistic diseases are often more prevalent in herds with BVD and reproduction is negatively impacted.

Q. IS BVD INFECTION ALWAYS RECOGNIZABLE?

A. No. Calves that are infected as fetuses can become persistently infected (PI). PI animals typically show no visible signs of illness but will continue to shed the virus at a very high rate throughout their lives. These "Typhoid Mary" animals are the primary source for the spread of BVD infection in the lactating herd and calf-raising facilities.

Q. WHAT ARE SOME OF THE COSTS ASSOCIATED WITH BVD INFECTION?

A. When a PI animal is present, studies have shown that additional expenses can cost up to \$120 per cow in the herd. These costs are due to treatments, spontaneous abortions, slow weight gains, low conversion rates, secondary illnesses and animal deaths.

Q. WHY SHOULD I USE API TO SCREEN MY ANIMALS?

A. API uses the industry's latest and most effective analytical methods such as Polymerase Chain Reaction (PCR) and Antigen Capture ELISA, providing 99% accuracy and next business-day results for quick decision making.

Q. HOW DO I KEEP BVD PI ANIMALS OUT OF MY HERD?

A. Follow a strict management schedule aimed at reducing infected animals while implementing a vaccination program that reduces the risk of disease.

**FOR MORE INFORMATION, CONTACT API CUSTOMER SERVICE:
877.278.1344 or sales@animalprofiling.com**