

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 cattle industry. BVD-PI animals in a cow herd are the main source for the continued spread of the virus and have been estimated to cause losses of \$24.00 per breeding animal, annually. BVD Virus can manifest as disease affecting the reproductive, respiratory and digestive systems with the most costly losses resulting from reproductive failure. PI (persistently infected) cows are a constant source of infection as they shed virus through their environment, in turn infecting nearby cows. An increase in days open is also prevalent in infected herds – a result of early embryonic death due to viremia within the first 45 days of pregnancy.

As a cattle producer you already understand the value of identifying and managing any BVD-PI animals in your herd. Analysis of a subset of the Superior Livestock 2012 sales data released this summer confirms that cattle buyers and feedlots fully understand the value associated with feeding BVD-PI negative calves. The data analyzed was from June through September 2012, 2,868 lots totaling 353,624 cattle were marketed. Forty-one lots were identified as BVD-PI-negative cattle and brought a premium compared to non-BVD-PI tested cattle. The analysis of the 2013 data found that 253 lots (6x increase) were identified as BVD-PI-negative cattle and brought a \$1.80/cwt. premium compared to non-BVD-PI tested cattle. A \$10.80 advantage on a 600-lb. calf returned a little over \$8.00 per head even after accounting for the testing and additional labor costs.

Newly purchased bulls and replacement heifers "that have not been tested" are the most common source and the greatest threat to introducing persistently infected animals back into your herd. All new animals should be tested and confirmed BVD-PI negative to protect your investment.

Q. WHAT IS BOVINE VIRAL DIARRHEA?

A. BVD is a virus 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.

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 both cow herd and feedlot situations.

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 \$24 per cow annually 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, 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**