

SIMPLE STEPS TO TEST YOUR CATTLE

1. Visit our website or call API for sample collection and shipping protocols.
2. Collect a milk or serum 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.

API will work with you and your veterinarian to design programs to best eliminate the costly effects of Johne's disease.

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 and Johne's testing, the company also provides diagnostic services for the detection of BLV, Mastitis, Neospora and pregnancy.

www.animalprofiling.com

Johne's Disease

QUICK FACTS

- One in 10 animals moving through livestock auction facilities has Johne's disease
- Eight out of 100 U.S. beef herds are estimated to be infected with Johne's disease
- 68.1% of U.S. dairy operations are infected with *Mycobacterium avium* paratuberculosis (MAP), the bacteria causing Johne's disease
- Lost productivity due to Johne's disease is estimated to cost the U.S. dairy industry \$200 - \$250 million annually

WHAT IS JOHNE'S DISEASE?

Johne's (pronounced "Yo-nees") is an incurable wasting disease. It is an infectious bacterial disease of livestock that primarily affects the intestinal tract.

HOW IS JOHNE'S SPREAD?

The microbe can live in manure and/or water for over a year and can be spread to other animals in manure tainted food or water.

IS JOHNE'S CURABLE?

No, it is not curable and can be fatal. Infected animals need to be identified and removed from the herd to prevent continued spread of the disease.

WHAT ARE THE SIGNS AND SYMPTOMS OF JOHNE'S DISEASE?

Animals may have chronic diarrhea, weight loss and appear malnourished and weak. Signs of Johne's disease may not appear until years after infection.

ABOUT THE JOHNE'S TEST

Animal Profiling International, Inc. is an APHIS-Approved Laboratory for Johne's disease testing and uses a USDA approved ELISA (enzyme-linked immunosorbent assay) for the detection of *Mycobacterium paratuberculosis*-specific antibodies in serum or milk of cattle.

API assists you in identifying infected cattle and making informed decisions to minimize economic losses that come with wasting and decreased milk production.

The sensitivity and specificity performance, as well as the suitability for standardization of the ELISA technique, make it a preferred serologic method for antibody screening.

* USDA National Animal Health Monitoring Systems - Dairy 2007

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