

# **North America Bovine Diagnostics Market Forecast to 2030 – Regional Analysis – by Product [Immunoassay Kits, PCR Reagents & Kits, Hemagglutination Inhibition (HI) Assay, and Other Products], Disease Type [Bovine Viral Diarrhea (BVD), Bovine Tuberculosis (TB), Bovine Mastitis, Foot and Mouth Disease (FMD), and Other Disease Type], and End User (Veterinary Hospitals, Veterinary Clinics, and Other End-Users)**

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## **Abstracts**

The North America bovine diagnostics market is expected to grow from US\$ 443.82 million in 2022 to US\$ 768.88 million by 2030. It is estimated to grow at a CAGR of 7.1% from 2022 to 2030.

### **High Prevalence and Economic Impact of Bovine Mastitis Fuels North America Bovine Diagnostics Market**

Bovine mastitis is a global concern that incurs huge economic losses to the global agriculture sector. Mastitis results in lowered milk production in affected animals and causes continuous veterinary expenses, resulting in reduced profitability for dairy farmers. According to the estimates published by Thermo Fisher Scientific in July 2022, the total annual cost to the global dairy industry caused by mastitis is between US\$ 19.7 billion to US\$ 32 billion. In the US alone, the cost of subclinical mastitis is expected to exceed US\$ 1 billion annually. Therefore, continuous monitoring and risk analysis are required to prevent huge economic losses.

According to the study “Global and countrywide prevalence of subclinical and clinical mastitis in dairy cattle and buffaloes by systematic review and meta-analysis,” published in April 2021, the global pooled prevalence of subclinical mastitis (SCM) and clinical mastitis (CM) were 42% and 15%, respectively, during 2011–2019. The prevalence of mastitis is expected to increase due to the prolonged history of the disease in the dairy industry. The facts and data from across the world indicate the high prevalence of clinical mastitis, which triggers the demand for bovine diagnostics. Moreover, surveillance programs and good management systems introduced by governments in different countries support the bovine diagnostics market.

### North America Bovine Diagnostics Market Overview

The bovine diagnostics market in North America is segmented into the US, Canada, and Mexico. The US accounts for the largest share of the regional and global market. The bovine diagnostics market in Canada and Mexico is anticipated to grow at fast CAGRs during the forecast period. The market growth in North America is attributed to the increasing number of product launches and government initiatives, and ongoing developments in diagnostics technologies. The bovine diagnostics market in the US is benefitted from rising government efforts to control zoonotic diseases, mastitis, and tuberculosis. Continuous developments in veterinary diagnostics result in frequent bovine diagnostics product launches. In October 2022, the Kansas State Veterinary Diagnostic Laboratory of the Kansas State University College of Veterinary Medicine developed a test to detect two major blood-borne diseases in cattle. Researchers at Kansas State Veterinary Diagnostic Laboratory developed a polymerase chain reaction (PCR) technique to detect endemic anaplasmosis and emerging Theileriosis. The test will allow veterinarians and cattle farmers to diagnose the herds with disease-causing microorganisms and help them effectively prevent and manage the diseases. In June 2023, Neogen Corporation launched Igenity BeefXDairy. It is a novel genomic test for beef-on-dairy calves. Igenity BeefXDairy provides insights about some key traits, including carcass quality, average daily gain, and the Igenity Terminal Index. These insights help calf producers to market their cattle to potential buyers.

### North America Bovine Diagnostics Market Revenue and Forecast to 2030 (US\$ Million)

#### North America Bovine Diagnostics Market Segmentation

The North America bovine diagnostics market is segmented into product, disease type, end user, and country.

Based on product, the North America bovine diagnostics market is segmented into immunoassay kits, PCR reagents & kits, hemagglutination inhibition (HI) assay, and other products. The immunoassay kits segment held the largest share of the North America bovine diagnostics market in 2022.

Based on disease type, the North America bovine diagnostics market is segmented into bovine viral diarrhea (BVD), bovine tuberculosis (TB), bovine mastitis, foot and mouth disease (FMD), and other disease types. The bovine mastitis segment held the largest share of the North America bovine diagnostics market in 2022.

Based on end user, the North America bovine diagnostics market is segmented into veterinary hospitals, veterinary clinics, and other end-users. The veterinary hospitals segment held the largest share of the North America bovine diagnostics market in 2022.

Based on country, the North America bovine diagnostics market is segmented into the US, Canada, and Mexico. The US dominated the North America bovine diagnostics market in 2022.

bioMérieux SA, Idexx Laboratories Inc, Innovative Diagnostics SAS, Neogen Corp, and Thermo Fisher Scientific Inc are some of the leading companies operating in the North America bovine diagnostics market.

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