

South & Central 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)

<https://marketpublishers.com/r/S342E971F1A1EN.html>

Date: January 2024

Pages: 70

Price: US\$ 3,550.00 (Single User License)

ID: S342E971F1A1EN

Abstracts

The South & Central America bovine diagnostics market is expected to grow from US\$ 114.01 million in 2022 to US\$ 179.57 million by 2030. It is estimated to grow at a CAGR of 5.8% from 2022 to 2030.

High Prevalence and Economic Impact of Bovine Mastitis Fuels South & Central 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.

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.

South & Central America Bovine Diagnostics Market Overview

The bovine diagnostics market in South & Central America is segmented into Brazil, Argentina, and the Rest of South & Central America. The market growth in this region is mainly driven by the factors such as advancements in bovine diagnostics tools and technologies, increasing incidences of foot and mouth diseases and bTB, and a rise in bovine diagnostics to enhance the quality of food products containing bovine meat. Brazil counts for the largest share of the bovine diagnostic market in South & Central America. Brazil is the world's leading livestock country, with the largest number of cattle grown. The growth of the world's population and improvements in living standards boost the demand for meat across the world. Therefore, the demand for healthy meats results in the growth of the bovine diagnostics market in Brazil. Technological progress in diagnostics has enabled the diagnosis and phylogenetic analysis of bovine leukemia virus (BLV). The BLV infection in dairy cattle was evident in Maranhão, Northeastern Brazil, and for the first time in 2022, phylogenetic inferences showed genotype 6 in this region. This genotype is related to gene sequences previously identified in samples from central–western and southeastern Brazil. Thus, the development efforts for BLV and EBL diagnosis were initiated in 2022, which has fueled progress in leukemia treatment options for the cases of infections that are in an early stage. Enzootic bovine leukosis (EBL) is a chronic viral disease widely distributed in cattle herds and may take several years to manifest clinical signs. Thus, to prevent the epidemic in cattle, the diagnosis would allow veterinary health authorities and animal farmers to take preliminary actions.

South & Central America Bovine Diagnostics Market Revenue and Forecast to 2030 (US\$ Million)

South & Central America Bovine Diagnostics Market Segmentation

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

Based on product, the South & Central 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 South & Central America bovine diagnostics market in 2022.

Based on disease type, the South & Central 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 South & Central America bovine diagnostics market in 2022.

Based on end user, the South & Central 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 South & Central America bovine diagnostics market in 2022.

Based on country, the South & Central America bovine diagnostics market is segmented into Brazil, Argentina, and the Rest of South & Central America. Brazil dominated the South & Central America bovine diagnostics market in 2022.

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

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