

Bovine Mastitis Market Size, Share & Trends Analysis Report By Product (Pharmaceuticals, Diagnostics), By Route Of Administration (Intra-Mammary, Systemic), By Therapy, By Type, By End-use, By Region, And Segment Forecasts, 2025 - 2030

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Abstracts

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Bovine Mastitis Market Growth & Trends

The global bovine mastitis market size is expected to reach USD 2.66 billion by 2030, according to a new report by Grand View Research, Inc. The market is expected to grow at a CAGR of 8.26% from 2025 to 2030. The market is driven by various factors, such as the increasing prevalence of bovine mastitis, rising demand for dairy products, and growing adoption of preventive measures. Mastitis is a common infection among dairy cows, significantly affecting milk yield and quality. The growing awareness of this disease and its economic implications is driving the demand for effective diagnostics and treatments.

Technological advancements in diagnosis are another factor fueling market growth. For example, according to the Journal of Veterinary Diagnostic Investigation, bovine mastitis is an economic hardship for dairy producers, and preventive management strategies are critical to the long-term viability of any dairy business. Recent advances in technology, including transcriptome and proteome studies, as well as nano- and micro-manufacturing of handheld devices, provide promising, sensitive ways for detecting mastitis bacteria and inflammation biomarkers. As farms grow in size, there is an increasing need for innovative, quick, and accurate diagnostic techniques. The microarray technology, which can identify seven prevalent species of mastitis-causing

pathogens in 6 hours with a reported sensitivity of 94.1% and specificity of 100%, is another technological advancement of genotypic approaches for the identification of bovine mastitis pathogens.

Increasing demand for dairy related products helps in strengthening the market growth. According to OECD estimations from 2020 to 2029, almost 80% of the world's milk production comes from cow milk. By 2029, it is anticipated that China and India will account for over 30% of the world's milk production. In addition, according to the OECD projects, between 2022 and 2031, global consumption of milk, fresh dairy products, butter, and cheese would rise. For example, it is anticipated that cheese consumption will increase from 25,500 kt pw in 2022 to 28,136 kt pw in 2031. According to figures released by the Press Information Bureau of India in May 2024, milk production in India grew at a CAGR of more than 6%, from 187.30 million tons in 2018 - 2019 to 230.58 million tons in 2022 - 2023. Hence, these factors are propelling market growth.

Bovine Mastitis Market Report Highlights

Based on product, the pharmaceutical segment dominated the market in 2024. While the diagnostics segment is anticipated to grow at the fastest CAGR over the forecast period due to technological advancements in diagnosis.

In terms of type, clinical mastitis held the largest market share in 2024, and sub-clinical mastitis is expected to grow at the fastest CAGR over the forecast period.

Based on therapy, the dry period segment held the largest market share in 2024.

In terms of route of administration, the intra-mammary segment dominated the market in 2024 because it effectively targets the infection inside the udder.

Based on end use, the veterinary hospitals/clinics segment accounted for the largest revenue share in 2024 due to their critical involvement in the diagnosis, treatment, and prevention of udder infection.

North America dominated the global market in the year 2024. The factors driving the regional market growth include the rising cattle population

and the increasing desire to satisfy consumer demands for sustainable animal protein sources.

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