

Ruminant Vaccines Market Size, Share & Trends Analysis Report By Animal Type (Cattle, Sheep & Goats), By Vaccine Type, By Indication, By Route Of Administration, By Region, And Segment Forecasts, 2025 - 2030

<https://marketpublishers.com/r/RDC105F5FB3EEN.html>

Date: December 2024

Pages: 120

Price: US\$ 5,950.00 (Single User License)

ID: RDC105F5FB3EEN

Abstracts

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Ruminant Vaccines Market Growth & Trends

The global ruminant vaccines market size is estimated to reach USD 7.02 billion by 2030, expanding at a CAGR of 7.9% from 2025 to 2030, according to a new report by Grand View Research, Inc. The market is driven by the increasing demand for animal protein, the prevalence of infectious diseases in ruminants, the rising livestock trade, and R&D advancements. In December 2022, Virbac, a key market player, expanded its capabilities with the inauguration of a new R&D center in Taiwan, in response to the growing demand for veterinary vaccines. This has enabled the company to develop innovative solutions and immune stimulants and/or enhance existing products on a domestic, regional, and global level.

The COVID-19 pandemic notably impacted the market for ruminant vaccines. This included disruptions in the supply chain, reduced access to veterinary services, impact on trade and exports, and economic constraints on farmers. For example, in 2020, Indian Immunologicals Ltd reported decreased trade, exports, and institutional businesses due to the pandemic. Despite this, the company continued to be the largest supplier of FMD vaccines in India. Furthermore, the economic slowdown of 2022 also significantly affected the market. Merck & Co., Inc. for instance, reported that livestock product sales were practically flat in 2022. This was attributed to the unfavorable impact of foreign exchange.

Support from governments, regulatory authorities, and animal health organizations drives the adoption of ruminant vaccines. All these institutions worldwide have recognized the importance of preventing and controlling animal diseases. They have implemented various initiatives and regulations to promote the use of vaccines in the ruminant sector. These initiatives include awareness campaigns, vaccination programs, and subsidies or incentives for farmers to vaccinate their animals. For instance, the World Organization for Animal Health manages vaccine banks to ensure the procurement of high-quality vaccines, facilitate economies of scale, and contribute to harmonizing global and regional control programs. As of January 2023, the organization manages 2 active vaccine banks focusing on peste des petits ruminants (PPR) and rabies.

Ruminant Vaccines Market Report Highlights

The cattle segment dominated the market, based on animal type, in 2024. The sheep & goats segment is projected to expand at the highest CAGR of 10.0% over the projection period.

By vaccine type, the modified/ attenuated live vaccines segment contributed the largest share of over 51.7% in 2024. The other vaccines segment, on the other hand, is anticipated to grow the fastest at a rate of 10.33% in the coming years.

In 2024, based on indication, Bovine Respiratory Diseases (BRD) accounted for the highest share of around 34.3% of the market. The other indications segment is expected to grow at the fastest rate of over 10.1% during the forecast period.

In terms of route of administration, the injectable segment dominated the market in 2024 and is expected to grow at a significant CAGR during the forecast period, while the intranasal segment is expected to grow at the fastest CAGR over the forecast period.

In 2024, North America accounted for the highest regional share of more than 37.74% of the market. Asia Pacific is anticipated to advance at a growth rate of about 9.0% owing to the thriving dairy and beef sector in key markets of the region.

International trade of livestock and animal products has been increasing due to globalization and changing dietary preferences. However, the movement of animals across borders can also facilitate the spread of infectious diseases. To mitigate this risk, countries and trade organizations enforce strict import and export regulations, including vaccination requirements, driving the demand for ruminant vaccines to ensure compliance with trade regulations.

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