+357 96 030922
info@marketpublishers.com

India Animal Vaccine Market By Animal Type (Livestock, Swine, Poultry, Companion Animals, Others), By Technology (Inactive Vaccine, Live Attenuated Vaccine, Toxoid Vaccine, Recombinant Vaccine, Others), By Disease (Foot and Mouth Disease, New Castle Disease, Infectious Bronchitis, Infectious Bursal Disease, Fowl pox, Rabies, Others), By Route of Administration (Subcutaneous, Intramuscular, Intraocular, Oral, Others), By Distribution Channel (Veterinary Hospitals, Veterinary Clinics, Pharmacies), By Region, Competition, Forecast & Opportunities, 2020-2030F

https://marketpublishers.com/r/I5B2F67BF0A6EN.html
Date: July 2024
Pages: 85
Price: US$ 3,500.00 (Single User License)
ID: I5B2F67BF0A6EN

Abstracts

India Animal Vaccine Market was valued at USD 245.48 Million in 2024 and is anticipated to project impressive growth in the forecast period with a CAGR of 5.19% through 2030. The Animal Vaccine Market encompasses the worldwide industry that is dedicated to the extensive research, development, manufacturing, and distribution of vaccines specifically designed for animals. These vaccines play a crucial role in safeguarding the health and wellbeing of both livestock and pet populations, effectively preventing and controlling the spread of various infectious diseases. This market thrives on a multitude of factors, including continuous advancements in biotechnology that enable the creation of innovative and highly effective vaccines.

There is a growing global awareness of the importance of animal health, leading to an

+357 96 030922
info@marketpublishers.com

increased demand for preventive measures such as vaccines. As society recognizes the significant impact of animal health on human health, the focus on animal vaccination has intensified. People are now more conscious of the need to protect animals from diseases that can potentially affect not only the animals themselves but also humans who come into contact with them. In addition to the increasing demand driven by public awareness, governments around the world are taking proactive initiatives to promote animal healthcare. They are allocating resources and implementing policies to ensure the availability and accessibility of vaccines for animal populations. These efforts aim to improve the overall health and welfare of animals, contributing to a safer and healthier environment for both animals and humans. The continuous advancements in biotechnology have opened new avenues for vaccine development. Scientists are leveraging cutting-edge technologies to create vaccines that are more targeted, efficient, and safe. The use of advanced genetic engineering techniques, such as recombinant DNA technology, has revolutionized vaccine production by enabling the synthesis of specific antigens that can trigger potent immune responses. This level of precision and customization allows for the creation of vaccines that are tailored to combat specific diseases prevalent in animal populations.

Key Market Drivers

Increasing Incidence of Livestock Diseases

The increasing incidence of livestock diseases in India is undeniably fueling the demand for animal vaccines. Livestock farming is a crucial component of India's agriculture sector, providing livelihoods for millions of farmers and serving as a significant source of food production. However, livestock diseases pose a constant threat to the health and productivity of these animals, and the demand for effective vaccines is on the rise for several reasons.

The sheer scale of livestock farming in India makes disease control a priority. India is one of the world's largest producers of dairy products, meat, and poultry, with a vast population of cattle, buffalo, goats, sheep, and poultry. The density and diversity of livestock in the country create favorable conditions for the spread of diseases. To protect these valuable resources and ensure food security, the demand for vaccines to prevent and control diseases like foot-and-mouth disease (FMD), avian influenza, and brucellosis is growing. The economic impact of livestock diseases is substantial. Outbreaks of diseases can result in significant losses for farmers, including reduced milk production, lower meat quality, and even livestock mortality. These losses not only affect farmers' incomes but also disrupt the supply chain of essential agricultural

+357 96 030922
info@marketpublishers.com

products. Animal vaccines are viewed as a cost-effective means of preventing these losses, making them an essential tool for sustainable and profitable livestock farming.

International trade in livestock and livestock products is subject to strict health regulations. Compliance with these regulations often requires vaccination programs to demonstrate disease control and prevention. As India seeks to expand its exports of livestock and animal products, the demand for vaccines to meet international health standards is increasing. The increasing incidence of livestock diseases in India is driving up the demand for animal vaccines. These vaccines are essential for safeguarding the health and productivity of livestock, ensuring food security, and supporting the growth of India's livestock industry, which is vital for the livelihoods of millions of farmers and the nation's economy.

Increasing Pet Adoption Globally

The increasing trend of pet adoption globally is having a notable impact on the demand for animal vaccines in India. As more people welcome pets into their homes, the need for vaccinations to ensure the health and well-being of these animals has risen significantly. Pet ownership has been on the rise in India, reflecting changing lifestyles and an increased understanding of the emotional and social benefits of having pets. Dogs and cats, in particular, have become popular companions, and responsible pet owners are increasingly seeking preventive healthcare measures, including vaccinations, to protect their beloved animals from various diseases. The demand for animal vaccines in India extends beyond traditional pets to include working animals like horses, cattle, and poultry, which play essential roles in agriculture and livelihoods in rural areas. The importance of vaccinating these animals against diseases such as rabies, avian influenza, and foot-and-mouth disease is crucial to both their well-being and the livelihoods of their owners.

The global movement toward responsible pet ownership and animal welfare has emphasized the significance of vaccinations as a fundamental aspect of pet care. Organizations, shelters, and rescue groups involved in pet adoption often require vaccinations as part of their adoption protocols, promoting responsible pet ownership practices and driving the demand for vaccines.

The COVID-19 pandemic, which led to increased pet adoption rates worldwide as people sought companionship during lockdowns, further underscored the importance of vaccinations. While COVID-19 does not affect pets in the same way it does humans, the pandemic heightened awareness about zoonotic diseases and the importance of

+357 96 030922
info@marketpublishers.com

preventive healthcare for pets. In response to this growing demand, veterinary clinics and pet care providers in India are offering comprehensive vaccination programs for pets and livestock. This trend is not only beneficial for the health of animals but also contributes to building a more responsible and caring pet-owning community in India, aligning with global trends in pet adoption and animal welfare.

Initiatives by Government Agencies, Animal Associations, and Leading Players

Initiatives by government agencies, animal associations, and leading players in the animal healthcare industry are playing a pivotal role in increasing the demand for animal vaccines in India. These concerted efforts are aimed at addressing various animal health challenges and promoting responsible animal husbandry practices.

Government agencies in India, such as the Department of Animal Husbandry and Dairying, have been proactive in promoting animal vaccination programs. They collaborate with state governments to implement mass vaccination campaigns, targeting livestock and poultry. Initiatives like the National Animal Disease Control Program (NADCP) aim to control and eradicate diseases like foot-and-mouth disease (FMD) and brucellosis, thus increasing the demand for vaccines needed to support these programs. Animal associations and advocacy groups also contribute significantly to the demand for animal vaccines. These organizations engage in awareness campaigns, training programs, and advocacy efforts to educate farmers and livestock owners about the importance of vaccinations in disease prevention. By fostering a culture of responsible animal care, they drive increased demand for vaccines as a means of ensuring animal welfare and livelihood sustainability.

Leading players in the animal healthcare industry, including pharmaceutical companies and vaccine manufacturers, play a central role in increasing demand through research, development, and distribution of vaccines. They invest in the production of high-quality vaccines tailored to the specific disease challenges in India. These companies collaborate with veterinarians and livestock professionals to provide training and support for proper vaccine administration.

Increasing Animal Husbandry

The increasing practice of animal husbandry in India is significantly boosting the demand for animal vaccines. Animal husbandry, which includes the raising and breeding of livestock like cattle, poultry, and goats, is an essential component of India's agricultural sector and plays a crucial role in providing livelihoods to millions of people.

+357 96 030922
info@marketpublishers.com

As the industry continues to grow and evolve, the need for vaccines to protect these animals from diseases becomes increasingly evident. One of the primary drivers of the growing demand for animal vaccines is the expansion of animal husbandry operations across the country. India's rising population and dietary preferences have led to increased demand for meat, milk, and eggs, prompting farmers to expand their livestock holdings. However, with larger herds or flocks come greater risks of disease outbreaks, making vaccinations a necessity to maintain animal health and productivity.

Livestock diseases like foot-and-mouth disease (FMD), brucellosis, and avian influenza can have devastating economic consequences for farmers. Vaccinations offer a cost-effective preventive measure against these diseases, reducing the incidence of illness, mortality, and production losses. As more farmers recognize the importance of vaccination in protecting their investments and ensuring the well-being of their animals, the demand for animal vaccines rises. The government of India has launched various initiatives to support and promote animal husbandry, including vaccination programs. The National Animal Disease Control Program (NADCP), for example, aims to eradicate diseases like FMD and brucellosis through mass vaccination campaigns. Such government-backed programs bolster the demand for vaccines and contribute to improved animal health and productivity.

Key Market Challenges

High Storage Costs for Vaccines

High storage costs for vaccines are indeed a significant factor contributing to the decreased demand for animal vaccines in India. Proper storage and handling of vaccines are crucial to maintaining their efficacy and ensuring that they remain effective in preventing diseases in animals. However, the expenses associated with cold chain infrastructure, refrigeration, and storage facilities can pose significant challenges, particularly in resource-constrained settings. Many rural areas in India experience power outages or have unreliable electricity supply, which can lead to temperature fluctuations in vaccine storage. Maintaining the cold chain is essential, as vaccines can lose their potency if exposed to temperature variations. The cost of backup power sources, such as generators or solar-powered refrigerators, can be prohibitively high for many farmers and veterinary clinics. The requirement for specialized refrigeration equipment and storage facilities, including cold rooms and vaccine storage units, can strain budgets. These facilities need regular maintenance and monitoring to ensure vaccines are stored at the appropriate temperature. Smaller-scale animal husbandry operations and individual farmers often find it challenging to invest in such

+357 96 030922
info@marketpublishers.com

infrastructure, leading to reduced vaccine demand and use.

The lack of awareness and training about proper vaccine storage and handling practices among farmers and animal healthcare providers also contributes to the problem. Inadequate knowledge can result in the mishandling of vaccines, rendering them ineffective and further wasting precious resources. To address these challenges and increase the demand for animal vaccines in India, there is a need for strategic investments in cold chain infrastructure, public-private partnerships to support vaccine storage, and extensive training and education programs for farmers and veterinary professionals. By making vaccines more accessible and ensuring proper storage and handling practices, India can enhance animal health, improve productivity, and support the livelihoods of those involved in animal husbandry.

Shortage of Veterinarians and Skilled Farm Workers

The shortage of veterinarians and skilled farm workers in India is a significant factor contributing to the decreased demand for animal vaccines. The availability of qualified professionals and skilled labor is crucial for the effective administration of vaccines and the overall management of animal health. Farmers and livestock owners may not be well-informed about the importance of vaccinations or how to properly administer them. Without proper education and training, they may not recognize the benefits of vaccination or understand the correct procedures for vaccination, storage, and record-keeping.

The shortage of skilled farm workers who can assist with various aspects of animal care, including administering vaccines, is another challenge. Adequately trained farm laborers are essential for the smooth implementation of vaccination programs. A lack of skilled workers can result in delayed or incomplete vaccinations. The services of veterinarians and skilled labor can come at a cost that some small-scale farmers and livestock keepers may find prohibitive. This financial barrier can lead to a decrease in the demand for professional veterinary services, including vaccinations.

Key Market Trends

Government Initiatives

The Indian government's proactive initiatives to control animal diseases have been instrumental in ensuring effective surveillance, implementing comprehensive vaccination programs, and conducting widespread public awareness campaigns. These

+357 96 030922
info@marketpublishers.com

well-planned efforts have not only safeguarded animal health but also significantly contributed to the steady growth of the market, bolstering the overall economy. By prioritizing the well-being of animals and taking preventative measures to curb the spread of diseases, these initiatives have created a conducive environment for the development and expansion of various sectors related to animal husbandry and veterinary services.

With a focus on research and innovation, the government has fostered the emergence of new and advanced practices in animal care. Cutting-edge research facilities and improved infrastructure have paved the way for groundbreaking discoveries and the adoption of state-of-the-art technologies. The increased collaboration between academia, industry, and government agencies has resulted in a collaborative ecosystem that promotes knowledge exchange, skill development, and capacity building. These advancements have not only elevated the overall quality of animal care and welfare but have also positioned India as a global leader in the field. The country's commitment to continuous improvement and the adoption of best practices has garnered international recognition and attracted investments from both domestic and international stakeholders. As a result, the animal husbandry and veterinary services sectors have witnessed remarkable growth, generating employment opportunities and contributing to the socio-economic development of the nation.

The Indian government's sustained efforts in controlling animal diseases, coupled with their vision for a sustainable and inclusive future, have propelled the nation towards a brighter and more prosperous tomorrow. With a strong emphasis on animal health, welfare, and scientific advancements, India is poised to become a global powerhouse in the field of animal care and veterinary services.

Technological Advancements

Recent advancements in technology, such as the utilization of artificial intelligence and big data analytics, have paved the way for the development of highly efficient vaccines. This has not only revolutionized the market but has also ushered in a new era of disease prevention. Through cutting-edge innovations and breakthroughs in vaccine research, scientists and researchers have been able to accelerate the process of vaccine creation, ensuring enhanced efficacy and effectiveness.

These remarkable strides in the field of vaccine development hold tremendous promise for the future. By leveraging state-of-the-art technologies, we can now combat diseases more effectively and protect the health and well-being of individuals and communities

+357 96 030922
info@marketpublishers.com

worldwide. This progress not only brings hope for eradicating existing diseases but also provides a solid foundation for addressing emerging threats and pandemics. The ability to create vaccines more efficiently and effectively has far-reaching implications. It enables us to respond rapidly to outbreaks and prevent the spread of infectious diseases. Moreover, it empowers healthcare systems to better allocate resources, as the development and deployment of vaccines become more streamlined and targeted.

With these advancements, we are witnessing a paradigm shift in disease prevention and public health. The newfound ability to develop highly efficient vaccines signifies a significant leap forward in our fight against pathogens. As we continue to push the boundaries of scientific discovery and technological innovation, we hold the potential to protect future generations from the devastating impact of diseases and safeguard global health security.

Segmental Insights

Animal Type Insights

Based on the animal type, poultry is projected to occupy the leading position in the Indian market due to several compelling factors. India has a significant consumption of poultry products, with a growing population that relies on poultry as a source of protein. This makes it crucial to prioritize disease prevention in the poultry sector to ensure food safety and public health. The exponential growth of the poultry industry, driven by increasing demand, further amplifies the need for effective poultry vaccines.

There is a notable surge in awareness regarding animal health among poultry farmers. They recognize the importance of maintaining the well-being of their flocks to ensure optimal productivity and profitability. With a focus on preventive healthcare, poultry farmers are actively seeking reliable solutions such as vaccines to protect their birds from diseases. This combination of factors, including the growing consumption of poultry products, the expanding poultry industry, and the increasing awareness of animal health, creates a robust and sustained demand for poultry vaccines in the Indian market. As the poultry sector continues to thrive and evolve, the development and availability of advanced vaccines will play a crucial role in ensuring the long-term success and sustainability of the industry.

Technology Insights

Based on technology, recombinant Vaccines are projected to dominate the Indian

+357 96 030922
info@marketpublishers.com

market. This is primarily due to their advanced technology that enables the introduction of one or more desirable genes into the animal's cells, thereby facilitating stronger immunity. The process of introducing these genes involves the use of recombinant DNA technology, which allows scientists to precisely manipulate the genetic makeup of the vaccine. By incorporating specific genes into the vaccine, it becomes highly targeted and effective in combating specific diseases or pathogens.

Recombinant Vaccines have demonstrated notable efficiency and safety compared to traditional vaccines. This is because they are developed using well-defined and controlled laboratory processes, ensuring the purity and quality of the vaccine. These vaccines often have fewer side effects, reducing the risks associated with vaccination. As a result, more veterinarians and animal health professionals are opting for Recombinant Vaccines to safeguard the health and well-being of animals. The increasing prevalence of animal diseases and a growing understanding of animal health among the populace are other significant factors likely to fuel the dominance of Recombinant Vaccines in the market. As pet ownership continues to rise and the demand for high-quality veterinary care increases, there is a greater emphasis on preventing and treating diseases in animals. Recombinant Vaccines offer an innovative and effective solution to address these challenges, providing a higher level of protection and promoting overall animal welfare. The advanced technology, efficacy, safety, and increasing demand for animal health solutions contribute to the projected dominance of Recombinant Vaccines in the Indian market. With their ability to enhance immunity and combat specific diseases, these vaccines provide a promising future for the prevention and control of animal diseases in India and beyond.

Regional Insights

The North region of India is poised to dominate the Indian animal vaccine market. This dominance can be attributed to the significant concentration of livestock and poultry farms in these areas, which contribute to a thriving agricultural industry. These states have a long history of agricultural practices, with generations of farmers dedicating themselves to the cultivation of crops and the rearing of animals. There is a growing awareness among farmers and animal health professionals regarding the importance of vaccinations for maintaining the health and productivity of animals. They understand that preventive measures, such as vaccinations, can help prevent the outbreak and spread of diseases that can have devastating effects on livestock and poultry populations. Farmers are increasingly realizing that investing in animal vaccines is not only beneficial for the well-being of their animals but also for the overall sustainability and profitability of their farms. This growing awareness is driven by various factors,

+357 96 030922
info@marketpublishers.com

including educational initiatives, awareness campaigns, and advancements in veterinary medicine. Animal health professionals, including veterinarians and animal scientists, are actively involved in promoting the importance of vaccinations and providing guidance on proper vaccination practices. They highlight the positive impact that vaccines can have on animal health, productivity, and overall farm management.

The rising demand for animal-derived food products has contributed to the need for effective and accessible animal vaccines in the region. As the population continues to grow, so does the demand for meat, milk, and other animal-derived products. To meet this demand sustainably, farmers need to ensure the health and well-being of their animals, which includes protecting them from diseases through proper vaccination protocols. The availability and use of effective animal vaccines play a crucial role in meeting the quality and safety standards required for animal-derived food products. Given these factors, the North region is expected to play a critical role in shaping the future of the Indian animal vaccine market. The region's favorable agricultural conditions, coupled with the growing awareness and demand for animal vaccines, create a conducive environment for the development and adoption of innovative vaccination solutions. As the region continues to prioritize animal health and welfare, it is poised to lead the way in ensuring the sustainable growth of the Indian animal vaccine industry.

Key Market Players

Biovet Private Ltd.

Hester Biosciences Limited

Intervet India Private Limited(Merck Limited)

Indovax Pvt. Ltd

Bio-Med (P) Limited

Zoetis India Ltd.

Brilliant Bio Pharma Private Limited

Virbac Animal Health India Pvt Ltd

+357 96 030922
info@marketpublishers.com

Elanco India Private Limited

Ceva Polychem Private Limited

Report Scope:

In this report, the India Animal Vaccine Market has been segmented into the following categories, in addition to the industry trends which have also been detailed below:

India Animal Vaccine Market, By Animal Type:

Livestock

Swine

Poultry

Companion Animals

Others

India Animal Vaccine Market, By Technology:

Inactive Vaccine

Live Attenuated Vaccine

Toxoid Vaccine

Recombinant Vaccine

Others

India Animal Vaccine Market, By Disease:

Foot and Mouth Disease

New Castle Disease

+357 96 030922
info@marketpublishers.com

Infectious Bronchitis

Infectious Bursal Disease

Fowl pox

Rabies

Others

India Animal Vaccine Market, By Route of Administration:

Subcutaneous

Intramuscular

Intraocular

Oral

Others

India Animal Vaccine Market, By Distribution Channel:

Veterinary Hospitals

Veterinary Clinics

Pharmacies

India Animal Vaccine Market, By Region:

North

South

West

+357 96 030922
info@marketpublishers.com

East

Competitive Landscape

Company Profiles: Detailed analysis of the major companies present in the India Animal Vaccine Market.

Available Customizations:

India Animal Vaccine Market report with the given market data, TechSci Research offers customizations according to a company's specific needs. The following customization options are available for the report:

Company Information

Detailed analysis and profiling of additional market players (up to five).

+357 96 030922
info@marketpublishers.com

Contents

+357 96 030922
info@marketpublishers.com

+357 96 030922
info@marketpublishers.com

+357 96 030922
info@marketpublishers.com

+357 96 030922
info@marketpublishers.com

+357 96 030922
info@marketpublishers.com

I would like to order

Product name: India Animal Vaccine Market By Animal Type (Livestock, Swine, Poultry, Companion Animals, Others), By Technology (Inactive Vaccine, Live Attenuated Vaccine, Toxoid Vaccine, Recombinant Vaccine, Others), By Disease (Foot and Mouth Disease, New Castle Disease, Infectious Bronchitis, Infectious Bursal Disease, Fowl pox, Rabies, Others), By Route of Administration (Subcutaneous, Intramuscular, Intraocular, Oral, Others), By Distribution Channel (Veterinary Hospitals, Veterinary Clinics, Pharmacies), By Region, Competition, Forecast & Opportunities, 2020-2030F

Product link: https://marketpublishers.com/r/I5B2F67BF0A6EN.html

Price: US$ 3,500.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:
info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page https://marketpublishers.com/r/I5B2F67BF0A6EN.html