

Veterinary Infectious Disease Diagnostics Market - Global Industry Size, Share, Trends, Opportunity, and Forecast, 2018-2028 Segmented By Technology (Immunodiagnostics, Molecular Diagnostics, Other Veterinary Diagnostic Technologies), By Animal Type (Companion Animals, Food Producing Animals), By End User (Reference Laboratories, Veterinary Laboratories and Clinics, Point of Care / In House Testing, Research Institutes and Universities), By Region and Competition

<https://marketpublishers.com/r/V7117B2C8323EN.html>

Date: November 2023

Pages: 182

Price: US\$ 4,900.00 (Single User License)

ID: V7117B2C8323EN

Abstracts

Global Veterinary Infectious Disease Diagnostics Market has valued at USD 1.52 Billion in 2022 and is anticipated to project steady growth in the forecast period with a CAGR of 5.25% through 2028. The global veterinary industry is experiencing a paradigm shift, with increased focus on preventive healthcare and diagnostics for animals. As concerns about zoonotic diseases and the economic impact of infectious outbreaks on livestock rise, the demand for advanced veterinary infectious disease diagnostics is growing. The Global Veterinary Infectious Disease Diagnostics Market is at the forefront of this evolution, playing a crucial role in safeguarding animal health, ensuring food safety, and preventing the transmission of diseases between animals and humans.

The increasing incidence of zoonotic diseases has raised awareness about the interconnectedness of animal and human health. Diseases such as avian influenza, brucellosis, and leptospirosis can be transmitted between animals and humans, emphasizing the need for robust diagnostic tools. Advances in diagnostic technologies,

such as PCR (Polymerase Chain Reaction) and next-generation sequencing, have revolutionized the accuracy and speed of veterinary infectious disease diagnostics. These technologies allow for early detection and precise identification of pathogens. The growing trend of pet ownership has led to an increased demand for veterinary services, including diagnostics. Pet owners are increasingly investing in preventive healthcare for their animals, driving the demand for sophisticated diagnostic tests. With the globalization of the livestock industry, the risk of disease transmission across borders has escalated. This has prompted regulatory bodies and stakeholders to implement stringent diagnostic protocols to ensure the health and safety of animals and consumers.

Key Market Drivers

Increasing Pet Ownership and Humanization of Pets is Driving the Global Veterinary Infectious Disease Diagnostics Market.

In recent years, there has been a notable global shift in the way people perceive and care for their pets. The increasing trend of pet ownership and the growing humanization of pets have not only led to an upsurge in spending on pet healthcare but have also been significant drivers of the veterinary infectious disease diagnostics market. This market, which plays a crucial role in ensuring the health and well-being of animals, has witnessed unprecedented growth as pet owners seek advanced diagnostic solutions for their beloved companions. The worldwide surge in pet ownership is a multifaceted phenomenon, influenced by factors such as urbanization, changing lifestyles, and an increased understanding of the emotional and physical benefits that pets bring to their owners. As more people open their homes to pets, whether they be dogs, cats, birds, or exotic animals, the demand for comprehensive veterinary care has risen significantly.

This burgeoning population of pets has given rise to a corresponding demand for advanced diagnostic tools to detect and manage infectious diseases. Veterinary infectious disease diagnostics encompass a range of tests and procedures that aid in the identification and monitoring of diseases in animals. These diagnostics not only help in the early detection of illnesses but also play a crucial role in preventing the spread of infectious diseases among animals and, in some cases, to humans.

The increasing humanization of pets is another major trend shaping the veterinary infectious disease diagnostics market. Pet owners are now more inclined to view their animals as integral members of the family, leading to a greater willingness to invest in their health and well-being. This paradigm shift has translated into higher expectations

for the quality of veterinary care, including advanced diagnostics, and has fueled the growth of the global market. Pet owners are seeking not just basic veterinary services but also cutting-edge diagnostics that can provide more accurate and timely results. This shift in consumer behaviour has prompted veterinary diagnostic companies to innovate and develop new technologies and testing methods to meet the evolving demands of pet owners.

Rising Incidence of Zoonotic Diseases is Driving the Global Veterinary Infectious Disease Diagnostics Market

Zoonotic diseases, which are infections that can be transmitted between animals and humans, have garnered increased attention in recent years due to their potential for rapid spread and devastating impact on both animal and human populations. The rise in these diseases has led to a growing demand for effective diagnostic tools, driving the expansion of the global veterinary infectious disease diagnostics market. Zoonotic diseases represent a significant public health concern, as evidenced by outbreaks such as the H1N1 influenza pandemic and the more recent COVID-19 pandemic. These diseases can originate in animals and jump to humans through various means, including direct contact, consumption of contaminated food or water, and exposure to vectors like mosquitoes and ticks.

The interconnectedness of animal and human health is increasingly recognized as a crucial aspect of global health. As human populations expand and encroach on natural habitats, the risk of zoonotic disease transmission escalates. Climate change, international travel, and the global movement of goods further contribute to the complexity of disease transmission dynamics. Efficient and accurate diagnostics play a pivotal role in preventing, controlling, and managing zoonotic diseases. In response to the rising threat, the global veterinary infectious disease diagnostics market has witnessed substantial growth. Diagnostic techniques include traditional methods such as serological testing and microbial culture, as well as advanced molecular techniques like polymerase chain reaction (PCR) and next-generation sequencing.

Key Market Challenges

High Cost of Diagnostic Equipment

The field of veterinary diagnostics plays a crucial role in safeguarding the health of animals and preventing the spread of infectious diseases. As technology continues to advance, the demand for accurate and timely diagnostics in the veterinary sector has

grown exponentially. However, one formidable challenge hindering the progress of the Global Veterinary Infectious Disease Diagnostics Market is the exorbitant cost associated with diagnostic equipment. The high cost of diagnostic equipment limits access to advanced veterinary diagnostics, especially in developing regions. Rural areas, where agriculture is a significant part of the economy, often lack access to state-of-the-art diagnostic tools. This limited accessibility can impede early detection and timely intervention, allowing infectious diseases to spread unchecked.

Veterinary clinics and laboratories, facing the burden of expensive diagnostic equipment, may struggle to invest in the latest technologies. The financial strain on these establishments not only affects their ability to provide cutting-edge services but also impacts their competitiveness in the market. High equipment costs can also hinder research and development efforts in veterinary diagnostics. Smaller companies and research institutions may find it challenging to invest in innovative technologies, slowing down progress in the field and limiting the development of new diagnostic methods. The cost of diagnostic services is inevitably passed on to pet owners and livestock farmers. This can deter individuals from seeking early diagnostic testing for their animals, leading to delayed disease detection and increased treatment costs in the long run.

Key Market Trends

Technological Advancements

In recent years, the global veterinary industry has experienced a significant transformation, with a sharp focus on technological advancements to address the challenges posed by infectious diseases in animals. The Veterinary Infectious Disease Diagnostics Market has witnessed a remarkable surge, driven by cutting-edge technologies that are revolutionizing the way diseases are diagnosed and treated in animals. One of the primary drivers of the veterinary infectious disease diagnostics market is the continuous evolution of diagnostic technologies. Traditional methods are being replaced or complemented by more sophisticated and rapid techniques. Molecular diagnostics, next-generation sequencing, and advanced imaging technologies have become instrumental in providing quick and accurate diagnoses. These technologies not only enhance the speed of diagnosis but also improve the precision and reliability of results.

Segmental Insights

Technology Insights

Based on the category of technology, Immunodiagnostics emerged as the dominant player in the global market for Veterinary Infectious Disease Diagnostics in 2022. Immunodiagnostics relies on the highly specific interactions between antibodies and antigens. This specificity allows for accurate detection of pathogens, minimizing the chances of false-positive or false-negative results. High sensitivity ensures that even low levels of infection can be identified, enabling early intervention and treatment. One of the significant advantages of immunodiagnostics is its ability to deliver rapid results. Quick and accurate diagnosis is crucial in preventing the spread of infectious diseases within animal populations and reducing the economic impact on the agricultural and veterinary sectors.

Animal Type Insights

The Companion Animals segment is projected to experience rapid growth during the forecast period. Companion animals, which include pets like dogs, cats, and horses, have become integral members of households worldwide. The deep emotional bonds shared between humans and their furry friends have elevated the status of these animals from mere pets to cherished family members. As the number of companion animals continues to rise globally, so does the concern for their health and well-being. The Companion Animals segment's dominance in the veterinary infectious disease diagnostics market can be attributed to several key factors. The increasing pet ownership rates, rising awareness about animal health, and a growing trend of preventive healthcare for pets are some of the primary drivers. Moreover, the evolving regulatory landscape and a surge in research and development activities in the veterinary diagnostics sector have further propelled market growth. The demand for accurate and efficient diagnostic tools for companion animals has prompted companies to invest in innovative solutions, fostering a competitive yet dynamic market.

Regional Insights

North America emerged as the dominant player in the global Veterinary Infectious Disease Diagnostics market in 2022, holding the largest market share in terms of value. North America, particularly the United States and Canada, has been at the forefront of technological innovation in the healthcare and diagnostics industries. The region's commitment to research and development has resulted in cutting-edge diagnostic tools and techniques, enabling more accurate and timely identification of infectious diseases in animals. The rising trend of pet ownership in North America has led to a surge in demand for advanced veterinary diagnostics. Pet owners are increasingly investing in

the health and well-being of their animals, driving the need for sophisticated diagnostic tools to identify and manage infectious diseases effectively.

Key Market Players

BIOM?RIEUX

Heska Corporation

Neogen Corporation

INDICAL BIOSCIENCE GmbH

Randox Laboratories Ltd.

Thermo Fisher Scientific Inc.

Creative Diagnostics

DRG INSTRUMENTS GMBH

Chembio Diagnostic Systems, Inc.

Eurofins Technologies

Agrolabo S.p.A.

Abbott Laboratories inc.

Danaher Corporation

Report Scope:

In this report, the Global Veterinary Infectious Disease Diagnostics Market has been segmented into the following categories, in addition to the industry trends which have also been detailed below:

Veterinary Infectious Disease Diagnostics Market, By Product:

Immunodiagnosics

Molecular Diagnostics

Other Veterinary Diagnostic Technologies

Veterinary Infectious Disease Diagnostics Market, By Animal Type :

Companion Animals

Food Producing Animals

Veterinary Infectious Disease Diagnostics Market, By End user:

Reference Laboratories

Veterinary Laboratories and Clinics

Point of Care / In House Testing

Research Institutes and Universities

Veterinary Infectious Disease Diagnostics Market, By Region:

North America

United States

Canada

Mexico

Europe

France

United Kingdom

Italy

Germany

Spain

Asia-Pacific

China

India

Japan

Australia

South Korea

South America

Brazil

Argentina

Colombia

Middle East & Africa

South Africa

Saudi Arabia

UAE

Competitive Landscape

Company Profiles: Detailed analysis of the major companies present in the Veterinary Infectious Disease Diagnostics Market.

Available Customizations:

Global Veterinary Infectious Disease Diagnostics market report with the given market data, Tech Sci 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).

Contents

1. PRODUCT OVERVIEW

- 1.1. Market Definition
- 1.2. Scope of the Market
 - 1.2.1. Markets Covered
 - 1.2.2. Years Considered for Study
 - 1.2.3. Key Market Segmentations

2. RESEARCH METHODOLOGY

- 2.1. Objective of the Study
- 2.2. Baseline Methodology
- 2.3. Key Industry Partners
- 2.4. Major Association and Secondary Sources
- 2.5. Forecasting Methodology
- 2.6. Data Triangulation & Validations
- 2.7. Assumptions and Limitations

3. EXECUTIVE SUMMARY

- 3.1. Overview of the Market
- 3.2. Overview of Key Market Segmentations
- 3.3. Overview of Key Market Players
- 3.4. Overview of Key Regions/Countries
- 3.5. Overview of Market Drivers, Challenges, Trends

4. VOICE OF CUSTOMER

5. GLOBAL VETERINARY INFECTIOUS DISEASE DIAGNOSTICS MARKET OUTLOOK

- 5.1. Market Size & Forecast
 - 5.1.1. By Value
- 5.2. Market Share & Forecast
 - 5.2.1. By Technology (Immunodiagnostics, Molecular Diagnostics, Other Veterinary Diagnostic Technologies)

- 5.2.2. By Animal Type (Companion Animals, Food Producing Animals)
- 5.2.3. By End User (Reference Laboratories, Veterinary Laboratories and Clinics, Point of Care / In House Testing, Research Institutes and Universities)
- 5.2.4. By Region
- 5.2.5. By Company (2022)
- 5.3. Market Map
 - 5.3.1. By Technology
 - 5.3.2. By Animal Type
 - 5.3.3. By End User
 - 5.3.4. By Region

6. NORTH AMERICA VETERINARY INFECTIOUS DISEASE DIAGNOSTICS MARKET OUTLOOK

- 6.1. Market Size & Forecast
 - 6.1.1. By Value
- 6.2. Market Share & Forecast
 - 6.2.1. By Technology
 - 6.2.2. By Animal Type
 - 6.2.3. By End User
 - 6.2.4. By Country
 - 6.2.4.1. United States Veterinary Infectious Disease Diagnostics Market Outlook
 - 6.2.4.1.1. Market Size & Forecast
 - 6.2.4.1.1.1. By Value
 - 6.2.4.1.2. Market Share & Forecast
 - 6.2.4.1.2.1. By Technology
 - 6.2.4.1.2.2. By Animal Type
 - 6.2.4.1.2.3. By End User
 - 6.2.4.2. Canada Veterinary Infectious Disease Diagnostics Market Outlook
 - 6.2.4.2.1. Market Size & Forecast
 - 6.2.4.2.1.1. By Value
 - 6.2.4.2.2. Market Share & Forecast
 - 6.2.4.2.2.1. By Technology
 - 6.2.4.2.2.2. By Animal Type
 - 6.2.4.2.2.3. By End User
 - 6.2.4.3. Mexico Veterinary Infectious Disease Diagnostics Market Outlook
 - 6.2.4.3.1. Market Size & Forecast
 - 6.2.4.3.1.1. By Value
 - 6.2.4.3.2. Market Share & Forecast

- 6.2.4.3.2.1. By Technology
- 6.2.4.3.2.2. By Animal Type
- 6.2.4.3.2.3. By End User

7. EUROPE VETERINARY INFECTIOUS DISEASE DIAGNOSTICS MARKET OUTLOOK

7.1. Market Size & Forecast

7.1.1. By Value

7.2. Market Share & Forecast

7.2.1. By Technology

7.2.2. By Animal Type

7.2.3. By End User

7.2.4. By Country

7.2.4.1. France Veterinary Infectious Disease Diagnostics Market Outlook

7.2.4.1.1. Market Size & Forecast

7.2.4.1.1.1. By Value

7.2.4.1.2. Market Share & Forecast

7.2.4.1.2.1. By Technology

7.2.4.1.2.2. By Animal Type

7.2.4.1.2.3. By End User

7.2.4.2. Germany Veterinary Infectious Disease Diagnostics Market Outlook

7.2.4.2.1. Market Size & Forecast

7.2.4.2.1.1. By Value

7.2.4.2.2. Market Share & Forecast

7.2.4.2.2.1. By Technology

7.2.4.2.2.2. By Animal Type

7.2.4.2.2.3. By End User

7.2.4.3. United Kingdom Veterinary Infectious Disease Diagnostics Market Outlook

7.2.4.3.1. Market Size & Forecast

7.2.4.3.1.1. By Value

7.2.4.3.2. Market Share & Forecast

7.2.4.3.2.1. By Technology

7.2.4.3.2.2. By Animal Type

7.2.4.3.2.3. By End User

7.2.4.4. Italy Veterinary Infectious Disease Diagnostics Market Outlook

7.2.4.4.1. Market Size & Forecast

7.2.4.4.1.1. By Value

7.2.4.4.2. Market Share & Forecast

- 7.2.4.4.2.1. By Technology
- 7.2.4.4.2.2. By Animal Type
- 7.2.4.4.2.3. By End User
- 7.2.4.5. Spain Veterinary Infectious Disease Diagnostics Market Outlook
 - 7.2.4.5.1. Market Size & Forecast
 - 7.2.4.5.1.1. By Value
 - 7.2.4.5.2. Market Share & Forecast
 - 7.2.4.5.2.1. By Technology
 - 7.2.4.5.2.2. By Animal Type
 - 7.2.4.5.2.3. By End User

8. ASIA PACIFIC VETERINARY INFECTIOUS DISEASE DIAGNOSTICS MARKET OUTLOOK

- 8.1. Market Size & Forecast
 - 8.1.1. By Value
- 8.2. Market Share & Forecast
 - 8.2.1. By Technology
 - 8.2.2. By Animal Type
 - 8.2.3. By End User
 - 8.2.4. By Country
 - 8.2.4.1. China Veterinary Infectious Disease Diagnostics Market Outlook
 - 8.2.4.1.1. Market Size & Forecast
 - 8.2.4.1.1.1. By Value
 - 8.2.4.1.2. Market Share & Forecast
 - 8.2.4.1.2.1. By Technology
 - 8.2.4.1.2.2. By Animal Type
 - 8.2.4.1.2.3. By End User
 - 8.2.4.2. India Veterinary Infectious Disease Diagnostics Market Outlook
 - 8.2.4.2.1. Market Size & Forecast
 - 8.2.4.2.1.1. By Value
 - 8.2.4.2.2. Market Share & Forecast
 - 8.2.4.2.2.1. By Technology
 - 8.2.4.2.2.2. By Animal Type
 - 8.2.4.2.2.3. By End User
 - 8.2.4.3. South Korea Veterinary Infectious Disease Diagnostics Market Outlook
 - 8.2.4.3.1. Market Size & Forecast
 - 8.2.4.3.1.1. By Value
 - 8.2.4.3.2. Market Share & Forecast

- 8.2.4.3.2.1. By Technology
- 8.2.4.3.2.2. By Animal Type
- 8.2.4.3.2.3. By End User
- 8.2.4.4. Japan Veterinary Infectious Disease Diagnostics Market Outlook
 - 8.2.4.4.1. Market Size & Forecast
 - 8.2.4.4.1.1. By Value
 - 8.2.4.4.2. Market Share & Forecast
 - 8.2.4.4.2.1. By Technology
 - 8.2.4.4.2.2. By Animal Type
 - 8.2.4.4.2.3. By End User
- 8.2.4.5. Australia Veterinary Infectious Disease Diagnostics Market Outlook
 - 8.2.4.5.1. Market Size & Forecast
 - 8.2.4.5.1.1. By Value
 - 8.2.4.5.2. Market Share & Forecast
 - 8.2.4.5.2.1. By Technology
 - 8.2.4.5.2.2. By Animal Type
 - 8.2.4.5.2.3. By End User

9. SOUTH AMERICA VETERINARY INFECTIOUS DISEASE DIAGNOSTICS MARKET OUTLOOK

- 9.1. Market Size & Forecast
 - 9.1.1. By Value
- 9.2. Market Share & Forecast
 - 9.2.1. By Technology
 - 9.2.2. By Animal Type
 - 9.2.3. By End User
 - 9.2.4. By Country
 - 9.2.4.1. Brazil Veterinary Infectious Disease Diagnostics Market Outlook
 - 9.2.4.1.1. Market Size & Forecast
 - 9.2.4.1.1.1. By Value
 - 9.2.4.1.2. Market Share & Forecast
 - 9.2.4.1.2.1. By Technology
 - 9.2.4.1.2.2. By Animal Type
 - 9.2.4.1.2.3. By End User
 - 9.2.4.2. Argentina Veterinary Infectious Disease Diagnostics Market Outlook
 - 9.2.4.2.1. Market Size & Forecast
 - 9.2.4.2.1.1. By Value
 - 9.2.4.2.2. Market Share & Forecast

- 9.2.4.2.2.1. By Technology
- 9.2.4.2.2.2. By Animal Type
- 9.2.4.2.2.3. By End User
- 9.2.4.3. Colombia Veterinary Infectious Disease Diagnostics Market Outlook
 - 9.2.4.3.1. Market Size & Forecast
 - 9.2.4.3.1.1. By Value
 - 9.2.4.3.2. Market Share & Forecast
 - 9.2.4.3.2.1. By Technology
 - 9.2.4.3.2.2. By Animal Type
 - 9.2.4.3.2.3. By End User

10. MIDDLE EAST & AFRICA VETERINARY INFECTIOUS DISEASE DIAGNOSTICS MARKET OUTLOOK

- 10.1. Market Size & Forecast
 - 10.1.1. By Value
- 10.2. Market Share & Forecast
 - 10.2.1. By Technology
 - 10.2.2. By Animal Type
 - 10.2.3. By End User
 - 10.2.4. By Country
 - 10.2.4.1. South Africa Veterinary Infectious Disease Diagnostics Market Outlook
 - 10.2.4.1.1. Market Size & Forecast
 - 10.2.4.1.1.1. By Value
 - 10.2.4.1.2. Market Share & Forecast
 - 10.2.4.1.2.1. By Technology
 - 10.2.4.1.2.2. By Animal Type
 - 10.2.4.1.2.3. By End User
 - 10.2.4.2. Saudi Arabia Veterinary Infectious Disease Diagnostics Market Outlook
 - 10.2.4.2.1. Market Size & Forecast
 - 10.2.4.2.1.1. By Value
 - 10.2.4.2.2. Market Share & Forecast
 - 10.2.4.2.2.1. By Technology
 - 10.2.4.2.2.2. By Animal Type
 - 10.2.4.2.2.3. By End User
 - 10.2.4.3. UAE Veterinary Infectious Disease Diagnostics Market Outlook
 - 10.2.4.3.1. Market Size & Forecast
 - 10.2.4.3.1.1. By Value
 - 10.2.4.3.2. Market Share & Forecast

- 10.2.4.3.2.1. By Technology
- 10.2.4.3.2.2. By Animal Type
- 10.2.4.3.2.3. By End User

11. MARKET DYNAMICS

- 11.1. Drivers
- 11.2. Challenges

12. MARKET TRENDS & DEVELOPMENTS

- 12.1. Recent Development
- 12.2. Mergers & Acquisitions
- 12.3. Product Launches

13. COMPETITIVE LANDSCAPE

- 13.1. BIOM?RIEUX
 - 13.1.1. Business Overview
 - 13.1.2. Patient Offerings
 - 13.1.3. Recent Developments
 - 13.1.4. Key Personnel
 - 13.1.5. SWOT Analysis
- 13.2. Origin Instruments Corporation
- 13.3. Heska Corporation
- 13.4. Neogen Corporation
- 13.5. INDICAL BIOSCIENCE GmbH
- 13.6. Randox Laboratories Ltd.
- 13.7. Thermo Fisher Scientific Inc.
- 13.8. Creative Diagnostics
- 13.9. DRG INSTRUMENTS GMBH
- 13.10. Chembio Diagnostic Systems, Inc.
- 13.11. Eurofins Technologies
- 13.12. Agrolabo S.p.A.
- 13.13. Abbott Laboratories inc.
- 13.14. Danaher Corporation

14. STRATEGIC RECOMMENDATIONS

15. ABOUT US & DISCLAIMER

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