

Veterinary Chemistry Analyzer Market Opportunity, Growth Drivers, Industry Trend Analysis, and Forecast 2025 - 2034

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Report description:

The Global Veterinary Chemistry Analyzer Market was valued at USD 1.8 billion in 2024 and is projected to grow at a CAGR of 9.4% from 2025 to 2034. Increasing pet ownership and advances in diagnostic technologies are the primary drivers of this growth. As households increasingly adopt pets, the demand for efficient healthcare and diagnostic solutions has surged. Diagnostic technologies have greatly improved accuracy and efficiency in veterinary practices. Portable analyzers, gaining popularity in veterinary clinics and research laboratories, allow rapid on-site testing and minimize the need for laboratory diagnostics. Growing awareness of animal health and increased government support for veterinary diagnostic services are further propelling market expansion.

Veterinary chemistry analyzers analyze blood, serum, urine, and other biological samples in animals, delivering rapid biochemical and electrolyte results essential for disease diagnosis, treatment monitoring, and animal health management. The market is segmented by type into portable and benchtop analyzers. The portable segment, valued at USD 783.6 million in 2021, grew to USD 847.5 million in 2022 and USD 918.2 million in 2023. The rising adoption of point-of-care diagnostics has driven the demand for portable analyzers, offering compact and user-friendly solutions that provide rapid results. Advances in microfluidics and biosensors and the growing need for livestock health monitoring contribute to the increasing adoption of these devices.

The market is further divided by product into instruments and consumables. The consumables segment, which accounted for 80.9% of the market in 2024, includes reagents, test strips, and panels required for veterinary diagnostics. The panels segment is bifurcated into preloaded single-slide reagent panels and reloaded multiple reagent panels. Rising pet healthcare expenditures and a growing population of pets and livestock have boosted the demand for consumables, as frequent testing necessitates continuous refills. The repetitive nature of consumables purchases ensures consistent revenue for manufacturers.

By animal type, the market includes companion animals and livestock animals. The companion animals segment, divided into dogs, cats, horses, and others, dominated the market in 2024 and is expected to reach USD 2.9 billion by 2034. Increasing focus on preventive care, including regular checkups and diagnostic testing, is driving demand for analyzers. The prevalence of chronic conditions like diabetes and kidney diseases in pets further boosts market growth. Portable and benchtop analyzers facilitate real-time blood and electrolyte testing, enhancing disease monitoring and treatment.

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The market is segmented by application into blood chemistry analysis, blood gas and electrolyte analysis, urinalysis, glucose monitoring, and others. Blood chemistry analysis, valued at USD 657.3 million in 2024, remains the dominant segment. These analyzers assess blood glucose levels, kidney function markers, liver enzymes, and electrolytes, aiding in diagnosis and treatment monitoring. Investment in the veterinary sector to improve automated analyzers with integrated software for high-throughput analysis is driving demand.

By end use, the market includes veterinary laboratories, veterinary hospitals and clinics, and other end users. The veterinary laboratories segment, valued at USD 793.4 million in 2024, dominates due to the rising demand for accurate and rapid diagnostic testing. High-volume sample processing for companion and livestock animals has led veterinary laboratories to adopt both automated and benchtop analyzers.

North America held the largest market share of 39.1% in 2024, with the US market valued at USD 505.1 million in 2021, USD 546.9 million in 2022, and USD 593.2 million in 2023. Increasing pet ownership and rising demand for advanced diagnostic solutions have driven market growth. Investment in R&D and the presence of major industry players have led to the development of innovative veterinary chemistry analyzers, further fueling demand in the region.

Table of Contents:

Report Content

Chapter 1 Methodology And Scope

1.1 Market scope and definitions

1.2 Research design

1.2.1 Research approach

1.2.2 Data collection methods

1.3 Base estimates and calculations

1.3.1 Base year calculation

1.3.2 Key trends for market estimation

1.4 Forecast model

1.5 Primary research and validation

1.5.1 Primary sources

1.5.2 Data mining sources

Chapter 2 Executive Summary

2.1 Industry 360 synopsis

Chapter 3 Industry Insights

3.1 Industry ecosystem analysis

3.2 Industry impact forces

3.2.1 Growth drivers

3.2.1.1 Rising pet adoption and increasing veterinary healthcare expenditure

3.2.1.2 Technological advancements lead to improved diagnostic accuracy and automation

3.2.1.3 Increasing prevalence of animal diseases and zoonotic infections

3.2.2 Industry pitfalls and challenges

3.2.2.1 High cost associated with veterinary chemistry analyzers

3.3 Growth potential analysis

3.4 Regulatory landscape

3.5 Technological landscape

3.6 Porter's analysis

3.7 PESTEL analysis

Chapter 4 Competitive Landscape, 2024

4.1 Introduction

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- 4.2 Company market share analysis
- 4.3 Company matrix analysis
- 4.4 Competitive analysis of major market players
- 4.5 Competitive positioning matrix
- 4.6 Strategy dashboard
- Chapter 5 Market Estimates and Forecast, By Type, 2021 - 2034 (\$ Mn)
 - 5.1 Key trends
 - 5.2 Portable
 - 5.3 Benchtop
- Chapter 6 Market Estimates and Forecast, By Product, 2021 - 2034 (\$ Mn)
 - 6.1 Key trends
 - 6.2 Instruments
 - 6.2.1 Chemistry analyzers
 - 6.2.2 Urine analyzers
 - 6.2.3 Glucometers
 - 6.2.4 Blood gas and electrolyte analyzers
 - 6.3 Consumables
 - 6.3.1 Panels
 - 6.3.1.1 Preloaded multiple reagent panels
 - 6.3.1.2 Preloaded single-slide reagent panels
 - 6.3.2 Test strips
 - 6.3.3 Reagents
- Chapter 7 Market Estimates and Forecast, By Animal Type, 2021 - 2034 (\$ Mn)
 - 7.1 Key trends
 - 7.2 Companion animals
 - 7.2.1 Dogs
 - 7.2.2 Cats
 - 7.2.3 Horses
 - 7.2.4 Other companion animals
 - 7.3 Livestock animals
 - 7.3.1 Cattle
 - 7.3.2 Pigs
 - 7.3.3 Sheep and goats
 - 7.3.4 Poultry
- Chapter 8 Market Estimates and Forecast, By Application, 2021 - 2034 (\$ Mn)
 - 8.1 Key trends
 - 8.2 Blood chemistry analysis
 - 8.3 Urinalysis
 - 8.4 Blood gas and electrolyte analysis
 - 8.5 Glucose monitoring
 - 8.6 Other applications
- Chapter 9 Market Estimates and Forecast, By End Use, 2021 - 2034 (\$ Mn)
 - 9.1 Key trends
 - 9.2 Veterinary laboratories
 - 9.3 Veterinary hospitals and clinics
 - 9.4 Other end use
- Chapter 10 Market Estimates and Forecast, By Region, 2021 - 2034 (\$ Mn)

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- 10.1 Key trends
- 10.2 North America
 - 10.2.1 U.S.
 - 10.2.2 Canada
- 10.3 Europe
 - 10.3.1 Germany
 - 10.3.2 UK
 - 10.3.3 France
 - 10.3.4 Spain
 - 10.3.5 Italy
 - 10.3.6 Netherlands
- 10.4 Asia Pacific
 - 10.4.1 China
 - 10.4.2 Japan
 - 10.4.3 India
 - 10.4.4 Australia
 - 10.4.5 South Korea
- 10.5 Latin America
 - 10.5.1 Brazil
 - 10.5.2 Mexico
 - 10.5.3 Argentina
- 10.6 Middle East and Africa
 - 10.6.1 South Africa
 - 10.6.2 Saudi Arabia
 - 10.6.3 UAE
- Chapter 11 Company Profiles
 - 11.1 Bioevopeak
 - 11.2 Chengdu Seamaty Technology
 - 11.3 DiaSys Diagnostic Systems
 - 11.4 Eurolyser Diagnostica (Affiliate of Mars)
 - 11.5 Heska Corporation
 - 11.6 HORIBA Medical
 - 11.7 IDEXX Laboratories
 - 11.8 Randox Laboratories
 - 11.9 Shenzhen Mindray Animal Medical Technology
 - 11.10 SKYLA
 - 11.11 URIT Medical Electronic
 - 11.12 Zoetis

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