

Veterinary Hematology Analyzers Market Size, Share & Trends Analysis Report By Product (Table-top analyzers, Point-of-care analyzers), By Analysis Parameters, By Species, By End-use, By Region, And Segment Forecasts, 2025 - 2030

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Abstracts

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Veterinary Hematology Analyzers Market Growth & Trends

The global veterinary hematology analyzers market size is anticipated to reach USD 2.12 billion by 2030 and is projected to grow at a CAGR of 10.0% from 2025 to 2030, according to a new report by Grand View Research, Inc. The market is primarily driven by growing animal population and ownership rates, increased expenditure on animals, an increasing focus on preventative animal healthcare, advances in veterinary molecular diagnostic testing, and rising R&D investment in animal health diagnostics to launch innovative products. For instance, in January 2024, Center Point Bio-Tech (CPB) launched AlphaION, a next-generation veterinary diagnostic system, at the 2024 Veterinary Meeting & Expo, exceeding order expectations. AlphaION combines lab automation, AI, and modular components for streamlined blood, fecal, urine, and bacterial testing at the point of care. Future developments include holographic cell reconstruction for enhanced hematology accuracy, eliminating reagent packs, and reducing maintenance needs.

The rising prevalence of animal diseases and growing pet ownership drive the veterinary hematology analyzers industry. According to the World Organisation for Animal Health (WOAH), over 20% of livestock losses globally are due to diseases, increasing the need for early and accurate diagnostic testing. In addition, the surge in

companion animal ownership, with nearly 70% of U.S. households owning pets, drives the demand for advanced diagnostic tools in veterinary clinics. The increasing focus on preventive healthcare and regular wellness screenings further boosts the adoption of hematology analyzers for early disease detection and monitoring.

The growing demand for accurate and rapid diagnostics is boosting the adoption of 5-part analyzers in specialty veterinary laboratories. Veterinary hematology analyzers play a key role in conducting CBC tests to monitor animal health by analyzing RBC, PLT, and WBC counts. While 3-part analyzers are cost-effective and sufficient for general screenings, 5-part analyzers offer enhanced accuracy by differentiating WBC into five subtypes, making them ideal for complex cases. 4-part analyzers provide a balance, offering eosinophil differentiation without the higher cost of 5-part devices. Advanced models, like Boule's Exig H400, combine low maintenance, cost efficiency, and high accuracy, making them suitable for veterinary clinics and labs.

Key market trends include automation, point-of-care testing (POCT), and multi-parameter analysis. The shift towards POCT analyzers that deliver real-time results is gaining traction, allowing veterinarians to make faster clinical decisions. Moreover, the development of compact, portable hematology analyzers with enhanced sensitivity and specificity is expanding their adoption in rural and mobile veterinary practices. As AI and machine learning continue to refine diagnostic accuracy, the veterinary hematology analyzer industry is expected to witness sustained growth, driven by demand for rapid, accurate, and cost-effective diagnostics.

Veterinary Hematology Analyzers Market Report Highlights

The Point-of-care analyzers segment led the market with the largest revenue share of 61.45% in 2024, due to rapid diagnostics, ease of use, and growing demand for on-site testing. It is expected to grow at the fastest CAGR of 10.4% during the forecast period, driven by rising veterinary clinics and improved patient outcomes.

Based on species, the canine segment accounted for the largest market revenue share in 2024, due to the high prevalence of canine diseases, increasing pet ownership, and frequent diagnostic testing. However, the feline segment is projected to grow at the fastest CAGR from 2025

by 2030, owing to rising feline adoption rates, growing awareness of feline health, and increased veterinary expenditures on cats.

Based on analysis parameters, the 5-part WBC differential segment accounted for the largest market revenue share in 2024, due to its greater accuracy and detailed leukocyte analysis, aiding in the precise diagnosis of complex diseases. The other parameters segment is projected to grow at the fastest CAGR during the forecast period, due to rising demand for advanced diagnostic capabilities, including reticulocyte counts and nucleated red blood cells, enhancing disease detection accuracy.

Based on end use, the veterinary laboratories segment accounted for the largest market revenue share in 2024, owing to the high testing volume, advanced diagnostic capabilities, and access to skilled professionals, ensuring accurate and comprehensive results. Conversely, the Point-Of-Care Testing (POCT) segment is expected to grow at the highest CAGR due to its rapid turnaround time, convenience, and increasing adoption of portable analyzers for immediate on-site diagnostics.

North America dominated the market with the largest revenue share of 52.85% in 2024. Conversely, the Asia Pacific region is anticipated to grow at the fastest CAGR of 12.7% during the forecast period.

Increasing pet insurance coverage and rising expenditure on animal healthcare drive the demand for advanced veterinary diagnostics, creating growth opportunities for veterinary hematology analyzers.

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