

# U.S. Veterinary Clinical Chemistry Diagnostics Market Size, Share & Trends Analysis Report By Animal (Production Animals, Companion Animals), By Product, By Test, By Sample, By End Use, And Segment Forecasts, 2025 - 2033

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## Abstracts

### U.S. Veterinary Clinical Chemistry Diagnostics Market Summary

The U.S. veterinary clinical chemistry diagnostics market size was estimated at USD 764.05 million in 2024 and is projected to reach USD 1,405.32 million by 2033, growing at a CAGR of 7.19% from 2025 to 2033. The industry is primarily driven by increasing focus on preventive and wellness testing, expansion of veterinary practices and specialty clinics, and advancements in diagnostic technology and point-of-care testing. Modern veterinary practice is focused on preventive care, emphasizing wellness screening at all life stages of animals. The veterinarian visits for preventive care of pet owners are 1.5 times for dogs and 0.7 times for cats in the U.S. annually. This improvement reflects regular veterinary visits, preventive care, and growing investment in animal health.

Veterinarians can monitor organ function, identify subclinical diseases, and set baselines for long-term health management via clinical chemistry tests. Pre-anesthetic examinations, geriatric pet care, and yearly checkups are all increasingly promoting routine wellness testing. In addition, more people are getting pet insurance, which makes it easier for owners to have preventive diagnostics. This proactive approach improves animal health outcomes and ensures sustained demand for chemistry analyzers, reagents, and laboratory services in the veterinary sector.

The steady growth of veterinary practices, specialty clinics, and corporate veterinary

chains across the U.S. is driving demand for clinical chemistry diagnostics. With more multi-specialty animal hospitals and referral centers, the need for rapid, reliable diagnostic capabilities is increasing. These facilities require in-house analyzers to support routine screenings, pre-surgical evaluations, and management of critical care patients. Large chains' consolidation of veterinary services boosts the widespread use of innovative diagnostic tools, guaranteeing consistency in treatment. This expansion increases testing volumes, improves diagnostic accessibility, and further incorporates clinical chemistry into global standard veterinary care pathways.

The U.S. veterinary clinical chemistry diagnostics industry is expanding due to rapid technology improvements. Veterinarians may now perform tests in-clinic more quickly and accurately because of innovations including enhanced reagents, fully automated benchtop systems, and small point-of-care analyzers. These technologies reduce turnaround time, improve diagnostic precision, and allow immediate treatment decisions. Integration of digital platforms and connectivity with veterinary practice management systems further enhances workflow efficiency. Portable and user-friendly systems are especially attractive to small and mid-sized practices. This shift toward real-time, in-practice diagnostics reduces reliance on external laboratories, boosting accessibility and driving widespread adoption among veterinarians.

## U.S. Veterinary Clinical Chemistry Diagnostics Market Report Segmentation

This report forecasts revenue growth at the country level and provides an analysis of the latest industry trends in each of the sub-segments from 2021 to 2033. For this study, Grand View Research has segmented the U.S. veterinary clinical chemistry diagnostics market report based on product, animal, test, sample, and end use.

Product Outlook (Revenue, USD Million, 2021 - 2033)

Consumables, Reagents & Kits

Equipment & Instruments

Animal Outlook (Revenue, USD Million, 2021 - 2033)

Companion Animals

Dogs

Cats

Horses

Other Companion Animals

Production Animals

Cattle

Poultry

Swine

Other Production Animals

Test Outlook (Revenue, USD Million, 2021 - 2033)

Renal Function Test (RFT)

Liver Function Test (LFT)

Electrolyte Panel

Other Tests

Sample Type Outlook (Revenue, USD Million, 2021 - 2033)

Blood/Plasma/Serum

Urine

Other Samples

End Use Outlook (Revenue, USD Million, 2021 - 2033)

Reference Laboratories

Veterinarians

## Animal Owners/ Producers

**This report can be delivered to the clients within 2 Business Days**

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