

U.S. Blood Ketone Meter Market Size, Share & Trends Analysis Report By Type (Blood Ketone Monitoring, Blood Glucose and Ketone Monitoring, Consumables), By Application, By End Use, And Segment Forecasts, 2025 - 2033

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Abstracts

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U.S. Blood Ketone Meter Market Summary

The U.S. blood ketone meter market size was estimated at USD 106.1 million in 2024 and is projected to reach USD 115.1 million by 2033, growing at a CAGR of 0.9% from 2025 to 2033. Some of the factors contributing to market growth include the increasing prevalence of diabetes, growing health awareness among consumers and rising adoption of ketogenic and low-carbohydrate diets.

The growth is driven by increasing interest in metabolic health management, particularly within the keto diet community and among people who need to monitor Blood ketone meters are used to monitor ketone levels for managing Type 1 Diabetes (T1D), tracking nutritional ketosis in ketogenic diets, and supporting the treatment of neurological conditions such as epilepsy. A 2023 study titled “Point-of-Care Capillary Blood Ketone Measurements and the Prediction of Future Ketoacidosis Risk in Type 1 Diabetes” investigated whether routine point-of-care capillary blood ketone measurements in fasted, symptom-free individuals with T1D could predict future DKA events.

The findings showed that routine capillary ketone monitoring can help identify individuals at elevated risk of future DKA, highlighting the potential value of emerging technologies such as Continuous Ketone Monitoring (CKM) for early intervention and

prevention. With the growing awareness of DKA prevention, such evidence will likely broaden the adoption and expansion of the U.S. blood ketone meter market.

The U.S. blood ketone meter industry is shaped by evolving care delivery models and payer policy reforms. The rise of telehealth, boosted significantly by the COVID-19 pandemic, has made diabetes management more accessible by enabling remote consultations, real-time data sharing, and timely treatment adjustments. This shift supports more consistent use of monitoring tools such as blood ketone meters, especially for patients managing T1D or adhering to ketogenic therapies. In 2024, approximately 20,000 children and adolescents under the age of 20 in the U.S. were newly diagnosed with T1D. This increase is driven by inherited risk, environmental factors, and changes in early-life habits (such as diet and infections).

The MDPI 2025 study titled “Severe Diabetic Ketoacidosis in Children with Type 1 Diabetes” highlighted key findings on ketone monitoring. The study found that blood ketone testing was more effective than urine ketone testing in early DKA detection and management.

U.S. Blood Ketone Meter Market Report Segmentation

This report forecasts revenue growth at 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. blood ketone meter market report based on type, application, and end use:

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

Blood Ketone Monitoring

Blood Glucose and Ketone Monitoring

Consumables

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

Humans

Veterinary

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

Hospitals

Diagnostic Centers

Home Care Settings

Other

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