

IVD Quality Control Market Opportunity, Growth Drivers, Industry Trend Analysis, and Forecast 2024 - 2032

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Abstracts

The Global IVD Quality Control Market was valued at USD 1.3 billion in 2023 and is expected to grow at a CAGR of 4.2% over the coming years. This growth is primarily fueled by the advancements in diagnostic technologies, escalating demand for precise diagnostic testing, rising interest in point-of-care testing, and strict regulatory requirements. Additionally, growing healthcare expenditure and improved access to advanced diagnostic tools in emerging markets are further contributing to the market's expansion. As the healthcare industry continues to evolve, the need for precise diagnostics to guide medical decisions is rising, driving the demand for quality control systems that ensure the accuracy and reliability of diagnostic tests.

The global rise in chronic and infectious diseases is also pushing the need for continuous and accurate diagnostics. IVD quality control involves processes that validate the accuracy, precision, and consistency of tests performed in controlled laboratory settings. These tests, typically conducted on samples such as blood, urine, or tissue, are crucial in ensuring that diagnostic devices provide reliable results. This is essential for accurate diagnosis, treatment, and patient care.

The market is segmented by type, with the quality control segment leading in 2023, accounting for USD 859.6 million. Quality control plays a critical role in monitoring the performance of diagnostic tests and ensuring they meet established standards. This is essential for maintaining patient safety, achieving regulatory compliance, and ensuring the reliability of diagnostic laboratories. By product type, the control segment held the largest market share in 2023 at 50.6%, driven by increasing expenditure on in vitro diagnostic procedures.

Technological advancements in control materials are expected to drive growth in this segment. In terms of application, the immunoassay segment led the market in 2023 and is expected to grow at a CAGR of 4.4% due to its importance in early disease detection.

Geographically, North America dominated the market in 2023, with revenue of USD 493.2 million. The region's leadership is attributed to a growing elderly population, rising demand for diagnostic testing, and advanced healthcare infrastructure. As diagnostic needs increase, so does the demand for IVD quality control products.

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