

Molecular Diagnostics Devices And Equipment Market Trends Support A 12.7% CAGR Outlook Through The Forecast Period

*The Business Research Company's
Molecular Diagnostics Devices And
Equipment Global Market Report 2026 –
Market Size, Trends, And Forecast 2026-
2035*

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/EINPresswire.com/ -- The molecular

diagnostics devices and equipment sector has witnessed substantial growth recently, driven by advancements in technology and expanding applications across healthcare. As precision medicine becomes more prevalent, this market is poised for continued expansion. Let's explore the current market size, key factors propelling growth, regional leadership, and emerging trends shaping this industry.

The logo for The Business Research Company, featuring a stylized bar chart with four bars of increasing height, colored in teal and dark blue. The text "The Business Research Company" is written in a serif font to the left of the chart.

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Market Size and Projected Growth of the [Molecular Diagnostics Devices and Equipment Market](#)

The molecular diagnostics devices and equipment market has experienced rapid expansion over recent years. It is expected to increase from \$27.23 billion in 2025 to \$30.33 billion in 2026, marking a compound annual growth rate (CAGR) of 11.4%. This growth during the past period has been supported by a rise in infectious disease testing, broader genetic screening programs, increasing use of molecular diagnostics in cancer care, enhanced sequencing accuracy, and greater clinical awareness of molecular testing methodologies.

Looking ahead, the market is projected to reach \$48.84 billion by 2030, expanding at an even faster CAGR of 12.7%. Factors driving this forecast include rising demand for personalized medicine, increased investment in genomic diagnostics, growth of decentralized molecular testing facilities, wider adoption of automated sample processing technologies, and a stronger emphasis on early detection of diseases. Key trends expected to shape the market encompass widespread adoption of PCR-based testing platforms, increased utilization of next-generation sequencing (NGS) technologies, greater integration of diagnostic software and bioinformatics tools, expansion of companion diagnostic applications, and a growing focus on early and personalized diagnosis.

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Understanding Molecular Diagnostics Devices and Their Uses

Molecular diagnostics devices are critical tools used to identify infectious diseases and carry out genetic screening by detecting specific DNA or RNA sequences. These devices enable healthcare professionals to recommend more precise and targeted treatment options, especially in the early stages of illnesses. Their role in improving diagnostic accuracy is vital for effective patient management and therapy optimization.

Factors Fueling Growth in the Molecular Diagnostics Devices and Equipment Market

One of the primary drivers behind the expansion of the molecular diagnostics devices and equipment market is the increasing prevalence of infectious diseases worldwide. Infectious diseases are caused by pathogens such as bacteria, viruses, fungi, and parasites, which can spread between individuals or from animals to humans. The rising incidence is influenced by factors including antimicrobial resistance, globalization and increased travel, rapid urbanization, socioeconomic inequalities, and an aging population.

Molecular diagnostic technologies are indispensable in the detection, monitoring, and management of these diseases. For example, data from the Centers for Disease Control and Prevention in the United States highlights a rise in tuberculosis cases, from 8,320 in 2022 to 9,615 in 2023, an increase of 1,295 cases. The incidence rate also climbed from 2.5 to 2.9 per 100,000 people during this period. Such upward trends in infectious diseases underscore the growing reliance on molecular diagnostics, which in turn drives market growth.

View the full molecular diagnostics devices and equipment market report:

https://www.thebusinessresearchcompany.com/report/molecular-diagnostics-devices-and-equipment-global-market-report?utm_source=EINPresswire&utm_medium=Paid&utm_campaign=Aug_PR

Regional Dynamics and Leadership in the Molecular Diagnostics Market

In 2025, Asia-Pacific emerged as the largest regional market for molecular diagnostics devices and equipment globally. This region is also predicted to achieve the fastest growth during the forecast period. The report covers key geographic zones including Asia-Pacific, South East Asia, Western Europe, Eastern Europe, North America, South America, the Middle East, and Africa, providing an extensive overview of market developments worldwide.

What's included in our 2026 market reports:

- Market attractiveness scoring and analysis
- Total addressable market (TAM) analysis
- Company scoring matrix graphics and tables

- Excel-based forecasting dashboards
- Market hotspots infographics
- Key technologies and future trend analysis
- Updated graphics and tables

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