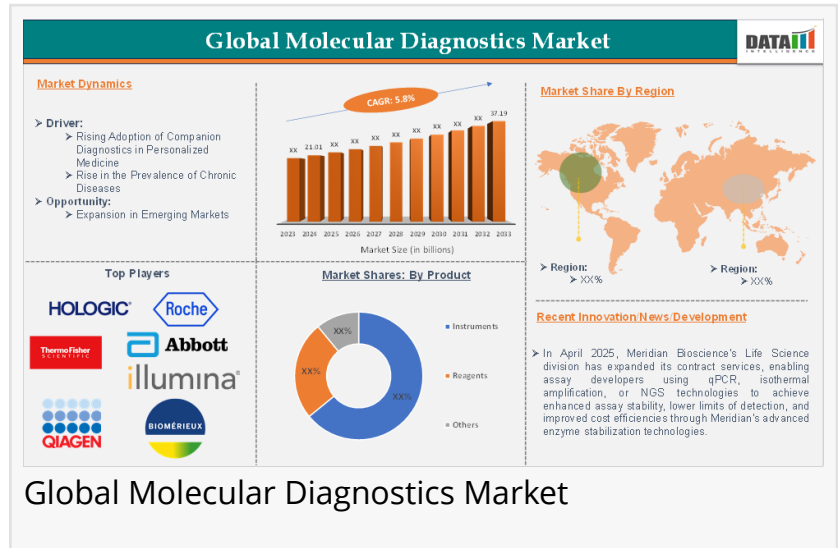


# Global Molecular Diagnostics Market Size, Trends & Growth Forecast 2025 | DataM Intelligence

*The Global Molecular Diagnostics Market is expected to reach at a CAGR of 5.8% during the forecast period 2025-2033.*

AUSTIN, TX, UNITED STATES, June 17, 2025 /EINPresswire.com/ -- The [Global Molecular Diagnostics Market](#) is currently valued at around \$21.01 billion (as of 2024) and is projected to grow steadily over the next few years. By 2033, it's expected to reach approximately \$37.19 billion, driven by a compound annual growth rate (CAGR) of 5.8% from 2025 to 2033.



## Market Overview:



The Global Molecular Diagnostics Market is driven by rising infectious diseases, genetic testing demand, and technological advancements in personalized medicine."

*DataM Intelligence*

The Molecular Diagnostics Market is experiencing robust growth owing to increasing demand for rapid, accurate diagnostic tools. These diagnostics are widely used for detecting genetic disorders, infectious diseases, cancers, and other conditions at the molecular level. The integration of molecular diagnostics in clinical settings is helping clinicians make faster and more precise treatment decisions, driving better patient outcomes.

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## Market Drivers and Opportunities:

**Rise in Infectious and Chronic Diseases:** The growing burden of diseases like cancer, HIV,

tuberculosis, and COVID-19 has underscored the need for early and precise diagnostic solutions.

**Technological Advancements:** Advances in PCR, next-generation sequencing (NGS), and point-of-care testing have increased the accessibility and efficiency of molecular diagnosis.

**Personalized Medicine Growth:** Increasing focus on tailored treatment options is boosting demand for companion diagnostics.

**Aging Population:** As the global population ages, the susceptibility to diseases increases, thereby elevating the requirement for reliable diagnostics.

**Market Segmentation:**

**By Product:**

Reagents

Instruments

Others.

**By Technology:**

Polymerase Chain Reaction (PCR)

In Situ Hybridization

Chips and Microarrays

Mass Spectrometry (MS)

Sequencing

Others.

**By Application:**

Infectious Disease

Oncology

Pharmacogenomics

Microbiology

Genetic Disease Screening

Human Leukocyte Antigen Typing

Blood Screening.

**By End-User:**

Hospitals

Pharmaceutical and Biotechnology Laboratories

Others.

**By Region:**

North America

Latin America  
Europe  
Asia Pacific  
Middle East and Africa.

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#### Geographical Share:

North America: Leads the market due to advanced healthcare infrastructure, strong R&D investments, and high disease awareness.

Europe: Follows closely with a significant share supported by government initiatives and adoption of precision medicine.

Asia-Pacific: Exhibits the fastest growth, especially in countries like China, India, and Japan, owing to rising healthcare expenditure, growing middle-class population, and increasing adoption of modern diagnostic technologies.

#### Key Market Players:

Leading Companies influencing the molecular diagnostics landscape include:

Hologic Inc  
F. Hoffmann-La Roche Ltd  
Thermo Fisher Scientific Inc  
Abbott Laboratories  
QIAGEN N.V  
Illumina Inc  
BioMérieux SA  
Agilent Technologies Inc  
Siemens Healthineers AG  
Myriad Genetics Inc.

These players are engaged in mergers, partnerships, and product innovations to strengthen their market presence and portfolio.

#### Recent Developments:

United States  
2025: Thermo Fisher Scientific launched a fully automated NGS-based platform designed to

simplify workflows for oncology diagnostics.

2024: Roche Diagnostics announced a strategic partnership with Google Health to integrate AI into its molecular diagnostics platforms for early cancer detection.

Japan

2025: Sysmex Corporation introduced a compact PCR system aimed at point-of-care infectious disease testing in remote regions of Japan.

2024: Japan's Ministry of Health approved a new molecular test developed by Fujirebio for rapid diagnosis of antimicrobial resistance genes.

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Conclusion:

The Molecular Diagnostics Market is set for continued expansion with advancements in molecular biology, AI integration, and growing emphasis on personalized medicine. As stakeholders push the boundaries of innovation and accessibility, molecular diagnostics will play a central role in the future of precision healthcare worldwide.

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