

Global Artificial Intelligence in Agriculture Market 2023

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Abstracts

Molecular diagnostics techniques have revolutionized the field of diagnosing and monitoring infectious diseases. With the high prevalence of infectious diseases, there is an increasing demand for molecular diagnostic products and services, which is expected to drive market growth in the coming years. According to the latest estimates, the global molecular diagnostics market is set to achieve an incremental growth of USD 5.9 billion, accelerating at a CAGR of almost 5.89% during the forecast period 2023-2029.

The molecular diagnostics market is primarily driven by the occurrence of large outbreaks of bacterial and viral epidemics worldwide. These outbreaks create a pressing need for rapid and accurate diagnosis of infectious diseases, thereby increasing the demand for molecular diagnostic tests.

Another significant factor contributing to the market growth is the rising demand for point-of-care diagnostics. Healthcare professionals increasingly rely on portable devices for molecular diagnostics at the point of care. These devices enable faster results and immediate decision-making, leading to a surge in demand for such technologies.

The market is also propelled by the continuous evolution of molecular diagnostic technologies and recent advancements in pharmacogenomics. Ongoing advancements in these areas enhance the precision, speed, and efficiency of molecular diagnostic tests, thereby driving their adoption in clinical settings.

The report covers market size and growth, segmentation, regional breakdowns, competitive landscape, trends and strategies for global molecular diagnostics market. It presents a quantitative analysis of the market to enable stakeholders to capitalize on the prevailing market opportunities. The report also identifies top segments for opportunities and strategies based on market trends and leading competitors'

approaches.

Market Segmentation

Technology: in situ hybridization, chips and microarrays, mass spectrometry (MS), sequencing, PCR, others

Product: instruments, reagents, others

Application: infectious disease, oncology, pharmacogenomics, genetic disease screening, human leukocyte antigen typing, others

End user: hospitals, laboratories, others

Region: Asia-Pacific, Europe, North America, Middle East and Africa (MEA), South America

This industry report offers market estimates and forecasts of the global market, followed by a detailed analysis of the technology, product, application, end user, and region. The global market for molecular diagnostics can be segmented by technology: in situ hybridization, chips and microarrays, mass spectrometry (MS), sequencing, PCR, others. The PCR segment captured the largest share of the market in 2022. Molecular diagnostics market is further segmented by product: instruments, reagents, others. The reagents segment held the largest share of the global molecular diagnostics market in 2022 and is anticipated to hold its share during the forecast period. Based on application, the molecular diagnostics market is segmented into: infectious disease, oncology, pharmacogenomics, genetic disease screening, human leukocyte antigen typing, others. In 2022, the infectious disease segment made up the largest share of revenue generated by the molecular diagnostics market. On the basis of end user, the molecular diagnostics market also can be divided into: hospitals, laboratories, others. Among these, the hospitals segment was accounted for the highest revenue generator in 2022. Molecular diagnostics market by region is categorized into: Asia-Pacific, Europe, North America, Middle East and Africa (MEA), South America. North America captured the largest share of the market in 2022.

Major Companies and Competitive Landscape

The report also provides a detailed analysis of several leading molecular diagnostics market vendors that include Abbott Laboratories, Agilent Technologies Inc., Becton, Dickinson and Company, Biomerieux SA, Bio-Rad Laboratories Inc., Danaher Corporation, F. Hoffmann-la Roche Ltd., Hologic, Inc., Illumina, Inc., Myriad Genetics Inc., Qiagen N.V., Sysmex Corporation, Thermo Fisher Scientific Inc., among others. In this report, key players and their strategies are thoroughly analyzed to understand the competitive outlook of the market.

Scope of the Report

To analyze and forecast the market size of the global molecular diagnostics market.

To classify and forecast the global molecular diagnostics market based on technology, product, application, end user, region.

To identify drivers and challenges for the global molecular diagnostics market.

To examine competitive developments such as mergers & acquisitions, agreements, collaborations and partnerships, etc., in the global molecular diagnostics market.

To identify and analyze the profile of leading players operating in the global molecular diagnostics market.

Why Choose This Report

Gain a reliable outlook of the global molecular diagnostics market forecasts from 2023 to 2029 across scenarios.

Identify growth segments for investment.

Stay ahead of competitors through company profiles and market data.

The market estimate for ease of analysis across scenarios in Excel format.

Strategy consulting and research support for three months.

Print authentication provided for the single-user license.

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