

Infectious Disease Diagnostic Market to Reach US\$ 2,978.7 Million by 2034, Growing at 7.1% CAGR

Continuous research and development and targeted approaches for transmissible diseases are crucial in the infectious disease diagnostic market.

ROCKVILLE, MD, UNITED STATES, March 19, 2025 /EINPresswire.com/ -- The global [infectious disease diagnostic market](#) size is valued at US\$ 1.503.8 million in 2024 and is projected to expand at a 7.1% CAGR through 2034. The market is estimated to cross a valuation of US\$ 2,987.7 million by 2034.



The move toward personalized diagnostics is a response to the demand for targeted approaches in the treatment of infectious diseases. Forward-thinking businesses create specialized instruments for particular infections or specific illness patterns. This calls for a thorough comprehension of the special difficulties presented by various contagious illnesses and the capacity to create and produce diagnostics that successfully meet these difficulties. Businesses set themselves apart in the market by providing specialist solutions, which draw in researchers and healthcare professionals looking for accurate and customized diagnostic instruments.

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A profitable market niche emerges for infectious disease diagnostic firms due to the growing global elderly population. Due to their increased vulnerability to various infectious illnesses, older people require advanced diagnostic equipment designed to meet their healthcare demands. Companies that properly position themselves to serve this demographic transition by addressing the unique diagnostic needs of aging populations can gain a considerable market share and achieve sustained success.

"Strategic creativity, collaboration, and technology adoption are required to succeed in the infectious disease diagnostic market. Leading organizations investing in innovation and sustainability are likely to thrive in this volatile environment, preparing themselves for long-term success." Says a Fact.MR analyst.

Key Takeaways from the Market Report:

The global infectious disease diagnostic market was valued at US\$ 1,054.4 million in 2019 and has been experiencing steady growth. In 2024, North America is expected to hold a 20.9% market share, while the East Asian market is projected to account for 17.7% of the global share. Among the various disease indications, sexually transmitted diseases (STDs) remain a dominant segment, capturing 35.4% of the market in 2024. Additionally, diagnostic techniques play a crucial role in market dynamics, with the cell culture technique segment leading with a 39.1% share.

Geographically, the United States and China are anticipated to be key growth markets for infectious disease diagnostics. The market size in the U.S. is expected to expand at a CAGR of 6.7% through 2034, driven by advancements in diagnostic technologies and increasing healthcare investments. Meanwhile, China's infectious disease diagnostic market is set to grow at an even higher rate, with a projected CAGR of 8.7% through 2034. This robust growth is fueled by rising healthcare infrastructure development and increasing government initiatives to control infectious diseases in the region.

Competitive Landscape

The infectious disease diagnostic industry is extremely competitive, with key competitors such as Abbott, Roche, and Siemens driving the market. Businesses prioritize innovation, regulatory compliance, and worldwide expansion. The ability to introduce cutting-edge technology, navigate regulatory constraints, and personalize solutions to varied markets is critical to success. Effective consumer engagement and adaption to value-based care models are essential for market supremacy. The dynamics of the market center primarily around innovation, regulatory prowess, and strategic global presence.

Recent Developments:

In November 2023, Apollo Cancer Centres (ACCs) introduced the Breast Cancer Diagnosis Program, which is India's fastest & precise program. The project aims to provide quick and accurate breast cancer diagnostics, highlighting the importance of early detection in identifying the best treatment for patients and enhancing their quality of life.

In October 2023, Precede Biosciences hit the market with cell-free genomic diagnostics for drug development and precision medicine.

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Segmentation of the Infectious Disease Diagnostic Market

The infectious disease diagnostic market is segmented based on disease indication, technique, end user, and region. Disease indications include CNS infections, diarrheal diseases, respiratory infections, blood infections, and sexually transmitted diseases (STDs). Key diagnostic techniques encompass ELISA, polymerase chain reaction (PCR), immunoassays, cell cultures, and other methods. The market serves various end users such as hospitals, diagnostic centers, clinics, and government organizations. Geographically, the market is distributed across North America, Europe, Latin America, East Asia, South Asia & Oceania, and the Middle East & Africa, reflecting regional healthcare advancements and diagnostic needs.

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[Non-infectious Macular Edema Treatment Market](#): The global non-infectious macular edema treatment market is anticipated to secure a valuation of US\$ 15,121.9 million in 2024. The global market is forecast to increase at a 6.9% CAGR and reach a market value of US\$ 29,567.8 million by the end of 2034.

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