

Infectious Disease In Vitro Diagnostics Market Trends Support A 7.1% CAGR Outlook Through The Forecast Period

*The Business Research Company's
Infectious Disease In Vitro Diagnostics
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Outlook Through The Forecast Period*

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/EINPresswire.com/ -- "Infectious

disease diagnostics play a critical role

in healthcare by enabling timely detection and management of various pathogens. As the global burden of infectious diseases continues to rise, advancements in diagnostic technologies are driving significant growth in the market. Let's explore the current market size, growth drivers, regional trends, and future outlook for infectious disease in vitro diagnostics.



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Expected to grow to \$21.25 billion in 2030 at a compound annual growth rate (CAGR) of 7.1%"

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[Infectious Disease In Vitro Diagnostics Market](#) Size and Growth Projections

The market for infectious disease in vitro diagnostics has shown strong expansion recently. It is predicted to increase from \$15.1 billion in 2025 to \$16.13 billion in 2026, growing at a compound annual growth rate (CAGR) of 6.8%. This historical growth has been driven by the widespread burden of infectious diseases globally, the expansion of

hospital laboratories, rising demand for early and accurate diagnosis, improvements in immunoassay technologies, and government programs focused on disease control.

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Looking ahead, the market is expected to continue its upward trajectory, reaching \$21.25 billion by 2030 with an accelerated CAGR of 7.1%. Factors contributing to this forecast include increased pandemic preparedness efforts, the growing use of molecular diagnostic techniques, the

escalating problem of antimicrobial resistance, broader diagnostic lab networks, and enhanced healthcare screening protocols. Key market trends anticipated during this period encompass rapid adoption of molecular diagnostics, point-of-care infectious testing, highly sensitive pathogen detection methods, multiplex diagnostic panels, and expanded surveillance testing initiatives.

Clarifying Infectious Disease In Vitro Diagnostics

Infectious disease in vitro diagnostics involve laboratory tests conducted on samples such as blood, urine, or swabs to detect, identify, and monitor infectious agents including bacteria, viruses, fungi, and parasites. These diagnostic tools are essential for delivering accurate and timely results that inform treatment decisions, guide infection control measures, and support public health surveillance.

View the full infectious disease in vitro diagnostics market report:

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Primary Factors Fueling Market Growth

One of the main factors driving the expansion of the infectious disease in vitro diagnostics market is the rising global prevalence of infectious diseases. This term describes the number of individuals affected by bacterial, viral, fungal, or parasitic infections worldwide at any given time, reflecting the overall burden on populations. Changes in climate have contributed to expanding the range of disease-carrying vectors such as mosquitoes, leading to higher incidence rates globally.

Supporting this trend, infectious disease diagnostics provide critical capabilities for precise and prompt identification of pathogens. This allows healthcare practitioners to administer appropriate treatments and implement outbreak containment measures more effectively. For example, in October 2024, the World Health Organization reported that around 10.8 million people worldwide contracted tuberculosis, with men accounting for 55% of cases, women 33%, and children and adolescents 12%. Additionally, 6.1% of TB cases were among individuals living with human immunodeficiency virus (HIV). Such statistics highlight the ongoing demand for reliable diagnostic solutions, which has bolstered market growth during the historic period.

Regional Outlook in Infectious Disease In Vitro Diagnostics

In 2025, North America held the largest share of the infectious disease in vitro diagnostics market. However, the Asia-Pacific region is projected to experience the fastest growth over the forecast period. The market analysis includes several key regions such as Asia-Pacific, South East Asia, Western Europe, Eastern Europe, North America, South America, the Middle East, and Africa, providing a comprehensive view of global developments in this sector.

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