

Hepatitis E Diagnostic Tests Market to Reach USD 0.8 Billion by 2034

Driven by Rising Awareness and Technological Advancements

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/EINPresswire.com/ -- The global

[Hepatitis E Diagnostic Tests Market](#) is

projected to grow steadily over the

next decade, reaching USD 0.8 billion

by 2034 from USD 0.5 billion in 2024, at

a compound annual growth rate (CAGR) of 4.8%. This growth is fueled by the rising prevalence of Hepatitis E, increasing public health awareness, and significant advancements in diagnostic technologies.



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According to the World Health Organization (WHO), around 20 million people worldwide are infected with Hepatitis E every year, resulting in nearly 70,000 deaths. This high burden is pushing healthcare systems to improve diagnostic capabilities, particularly in developing regions where the disease is more common. Governments in countries such as India and China are introducing targeted health programs, including sanitation initiatives, vaccination drives, and greater funding for diagnostic tools, all of which are driving the demand for Hepatitis E testing.

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The largest share of the market is expected to come from serological tests, as they are widely used for initial screening. However, molecular diagnostic tests are forecasted to be the fastest-growing segment due to their higher accuracy and reliability. Applications such as routine population screening and prenatal testing are also driving demand, since Hepatitis E poses severe health risks during pregnancy. The Centers for Disease Control and Prevention (CDC) highlights that infections during pregnancy can lead to life-threatening complications, making reliable diagnostics crucial in high-risk regions.

Top 10 Companies

Roche Diagnostics

Abbott Laboratories

Siemens Healthineers

Bio-Rad Laboratories

Thermo Fisher Scientific

Danaher Corporation

Becton, Dickinson and Company

Qiagen N.V.

PerkinElmer, Inc.

Hologic, Inc.

Asia Pacific is expected to lead the global market, supported by high infection rates, government-backed screening programs, and improved healthcare spending. Increased adoption of advanced technologies such as artificial intelligence (AI) in diagnostic tools is also contributing to growth. AI-powered solutions are enhancing test accuracy and reducing turnaround times, making diagnostics faster and more accessible. Companies such as Abbott Laboratories have introduced rapid tests capable of delivering results in less than an hour, helping doctors improve patient care and outcomes. Point-of-care testing is another growing trend, with adoption rising by 25% in 2023. At the same time, new multiplex assays are being developed to detect multiple pathogens at once, increasing efficiency and reducing testing costs.

While the market outlook is positive, several challenges remain. Regulatory hurdles are one of the biggest barriers to growth. Approvals from agencies such as the U.S. Food and Drug Administration (FDA) and the European Medicines Agency (EMA) are strict, requiring time and investment from manufacturers. In addition, testing protocols are not standardized across different regions, which sometimes affects reliability and trust in results. A shortage of skilled personnel to operate advanced diagnostic equipment, especially in rural and underserved areas, adds another layer of complexity. Infrastructure limitations are also a concern. The WHO notes that only about 60% of healthcare facilities in sub-Saharan Africa have access to reliable electricity, restricting the use of advanced diagnostic machines. Moreover, the high cost of sophisticated diagnostic tests can make them unaffordable for low-income populations, limiting their reach despite government support in some regions.

Despite these obstacles, the long-term outlook for the Hepatitis E Diagnostic Tests Market remains encouraging. The combination of increasing healthcare expenditure, strong government

initiatives, and the introduction of innovative diagnostic solutions is expected to drive continued growth. Leading companies including Roche Diagnostics, Abbott Laboratories, and Siemens Healthineers are heavily investing in research and development to bring advanced, accurate, and more affordable diagnostic options to the market.

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In summary, the global Hepatitis E Diagnostic Tests Market is set to expand steadily over the next decade, supported by growing awareness, high infection rates in endemic regions, and technological progress. With Asia Pacific leading the way, the industry is moving toward more accurate, accessible, and efficient testing solutions that can play a crucial role in reducing the global burden of Hepatitis E.

Hepatitis E Diagnostic Tests Market Segmentation By Product Type

Serological Tests

Molecular Diagnostic Tests

Rapid Diagnostic Tests

By Application

Routine Screening

Prenatal Testing

Research and Development

By End User

Hospitals

Diagnostic Laboratories

Academic and Research Institutes

By Technology

Enzyme-Linked Immunosorbent Assay (ELISA)

Polymerase Chain Reaction (PCR)

Next-Generation Sequencing (NGS)

By Distribution Channel

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