

# **India Point of Care Diagnostics Market By Product (Glucose Testing, Hb1Ac Testing, Coagulation Testing, Fertility/Pregnancy, Infectious Disease, Cardiac Markers, Thyroid Stimulating Hormone, Hematology, Primary Care Systems, Others), By End Use (Clinics, Hospitals, Home, Assisted Living Healthcare Facilities, Laboratory), By Region, Competition, Forecast & Opportunities, 2020-2030F**

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## **Abstracts**

The India Point of Care (POC) Diagnostics Market was valued at USD 628.32 million in 2024 and is projected to reach USD 1,024.57 million by 2030, growing at a compound annual growth rate (CAGR) of 8.45% during the forecast period. The market is witnessing robust growth, driven by increasing healthcare demands and technological advancements. The rising prevalence of chronic diseases, such as diabetes and cardiovascular conditions, alongside the growing burden of infectious diseases, is fueling the need for rapid and efficient diagnostic solutions. Additionally, government initiatives like Ayushman Bharat are expanding healthcare infrastructure in rural regions, improving access to POC diagnostics. Technological innovations, such as mobile health integration and portable diagnostic devices, are enhancing the accuracy and convenience of these tests, making them more accessible to both urban and rural populations.

However, challenges such as the high cost of advanced POC devices, regulatory complexities, and limited reimbursement policies in certain regions of India still pose barriers to market growth. Moreover, the lack of widespread awareness about POC testing in rural areas and concerns over the quality of some low-cost devices complicate

the expansion of the market. Despite these challenges, the sector's potential is strengthened by the growing health-consciousness among the Indian population, which drives both demand and adoption of POC diagnostic technologies.

## Key Market Drivers

### Rising Prevalence of Chronic Diseases

India is experiencing a significant rise in the prevalence of chronic diseases, which is driving the growth of the Point of Care (POC) diagnostics market. The increasing burden of chronic conditions, such as hypertension, diabetes, and cardiovascular diseases, is placing added pressure on the healthcare system. These conditions are becoming more prevalent across various demographic segments, particularly in urban areas where lifestyle-related factors like poor diet, lack of physical activity, and stress are common. This surge in chronic diseases emphasizes the need for more accessible, efficient, and timely diagnostic solutions to manage these conditions effectively.

## Key Market Challenges

### Limited Awareness and Education

Limited awareness and education regarding Point of Care (POC) diagnostics are significant challenges to the widespread adoption of these technologies in India. While urban areas have seen growing awareness of the benefits and convenience offered by POC diagnostics, rural and remote regions lag behind in understanding how these devices can improve healthcare outcomes. Many healthcare professionals in smaller clinics, particularly in underserved areas, may not be familiar with the latest POC technologies or may lack training on their effective use. This knowledge gap creates a barrier to the integration of POC diagnostics into daily healthcare practices.

Additionally, many patients do not fully understand the importance of rapid, on-site testing for early disease detection and management, leading to hesitancy in utilizing POC services. This lack of awareness often results in underutilization of POC diagnostics, particularly in rural regions where access to advanced healthcare facilities is limited. Increasing education and awareness about the potential benefits and proper usage of POC devices for both healthcare professionals and patients is essential for boosting adoption and ensuring these technologies are fully leveraged to improve healthcare accessibility and outcomes across India.

## Key Market Trends

### Technological Advancements

Technological advancements are playing a pivotal role in reshaping the Point of Care (POC) diagnostics market in India. With rapid progress in medical technology, POC diagnostic devices have evolved from basic tools into sophisticated, portable, and efficient instruments capable of delivering fast and accurate results. These advancements have been crucial in driving the adoption of POC diagnostics across healthcare settings, from hospitals to remote clinics and even home care.

One of the key trends is the integration of digital and mobile technologies, allowing POC devices to connect to smartphones, tablets, and cloud-based platforms. This connectivity enables real-time data transmission, remote monitoring, and data storage, making it easier for healthcare providers to track patient conditions and share information instantly. For example, devices that measure glucose levels, blood pressure, or cholesterol can now transmit results directly to a central database, where medical professionals can access and analyze them from any location. This connectivity not only enhances the speed and accuracy of diagnoses but also supports continuous patient monitoring, which is particularly important for chronic disease management.

Another notable advancement is the miniaturization of diagnostic devices. Today's POC tools are smaller, more user-friendly, and require less training to operate. This has significantly increased their accessibility in both rural and urban settings, where healthcare infrastructure may be lacking. Devices such as handheld glucose meters, portable ECG machines, and compact pregnancy test kits enable patients to perform tests at home or in outpatient clinics without the need for extensive laboratory equipment.

Innovations in biosensors and biomarker technologies have also greatly improved the sensitivity and specificity of POC devices. These advances allow for earlier detection of diseases, including infectious diseases, diabetes, cardiovascular conditions, and cancer markers, with minimal sample volumes. Additionally, technologies such as microfluidics and nanotechnology are enhancing the capabilities of POC devices, enabling them to perform multiple tests with greater precision and speed on a single device.

## Key Market Players

Roche Products (India) Pvt. Ltd.

Qiagen India Pvt. Ltd.

Danaher Corporation

Becton Dickinson Private Limited

BioMérieux

Siemens Healthcare Private Limited

Abbott India Ltd.

Trividia Health, Inc.

Spectra Medical India Pvt. Ltd.

AccuBioTech Co., Ltd.

## Report Scope

This report segments the India Point of Care Diagnostics Market into the following categories, in addition to detailed industry trends:

India Point of Care Diagnostics Market by Product:

Glucose Testing

HbA1c Testing

Coagulation Testing

Fertility/Pregnancy

Infectious Disease

Cardiac Markers

Thyroid Stimulating Hormone

Hematology

Primary Care Systems

Others

India Point of Care Diagnostics Market by End Use:

Clinics

Hospitals

Home Care

Assisted Living Healthcare Facilities

Laboratories

India Point of Care Diagnostics Market by Region:

East India

West India

North India

South India

Competitive Landscape

This section provides a detailed analysis of the major companies operating in the India Point of Care Diagnostics Market.

Available Customizations

*India Point of Care Diagnostics Market By Product (Glucose Testing, Hb1Ac Testing, Coagulation Testing, Fertil...*

TechSci Research offers the option for customizations to the India Point of Care Diagnostics Market report based on specific company needs. Customization options include:

Detailed analysis and profiling of additional market players (up to five).

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