+357 96 030922
info@marketpublishers.com

India Coronavirus Diagnostics Market By Type of Test (Molecular, Serology), By User (Single, Multiple), By Full Test Time (Less Than 60 Minutes, 1 Hours to 12 Hours, 13 Hours-24Hours, More Than 1 Day), By End User (Hospitals, Public Health Labs, Private or Commercial Labs, Physician Labs, Others), By Region, and Competition, Opportunityies & Forecast, 2020-2030F

https://marketpublishers.com/r/I60D5CEDFA81EN.html
Date: August 2025
Pages: 85
Price: US$ 3,500.00 (Single User License)
ID: I60D5CEDFA81EN

Abstracts

Market Overview

India Coronavirus Diagnostics Market was valued at USD 2.11 Billion in 2024 and is expected to reach by USD 2.61 Billion by 2030, growing at a CAGR of 3.68% through 2030.

Coronavirus diagnostics refers to the process of identifying and confirming the presence of the coronavirus, particularly the SARS-CoV-2 virus, which is responsible for the COVID-19 pandemic. Diagnostics are essential for identifying and monitoring cases of the disease, conducting contact tracing, implementing public health measures, and understanding the spread of the virus. Diagnostic tests are evaluated for their accuracy, which includes sensitivity (the ability to detect true positives) and specificity (the ability to correctly identify true negatives). A reliable diagnostic test should have a high sensitivity and specificity. Laboratories conducting coronavirus diagnostics adhere to quality control and quality assurance measures to ensure the accuracy and reliability of testing. Coronavirus diagnostics play a central role in informing public health responses, including quarantine and isolation measures, travel restrictions, and vaccination

+357 96 030922
info@marketpublishers.com

campaigns.

As travel and economic activities resumed, testing became a prerequisite for travel, entering certain workplaces, and attending events. This led to increased demand for diagnostic services. The emergence of new variants of the virus, such as Delta and Omicron, necessitated ongoing testing and monitoring. Detection of these variants became a critical driver for diagnostic testing. The rollout of COVID-19 vaccines necessitated the monitoring of vaccine effectiveness and the detection of breakthrough infections, further driving diagnostic testing. Increasing awareness about the importance of testing and public health measures played a role in driving demand for COVID-19 diagnostic tests. The need for efficient data management, reporting, and integration of testing data into public health systems drove innovation in data management and informatics solutions. The global response to the COVID-19 pandemic encouraged investment and innovation in diagnostic testing technologies and solutions. The need for efficient data management, reporting, and integration of testing data into public health systems drove innovation in data management and informatics solutions.

Key Market Drivers

Rise in Vaccination Campaigns

As vaccination campaigns progress, it becomes essential to monitor the effectiveness of vaccines. Diagnostic tests, such as serological assays and molecular tests, help assess whether individuals have developed antibodies against the virus after vaccination. For instance, by August 12, 2024, approximately 72.5% of the Indian population had received at least one dose of a COVID-19 vaccine. This milestone reflected the government's extensive vaccination campaigns and public health efforts aimed at curbing the spread of the virus and reducing the burden on the healthcare system through increased immunity across the population.

This data is crucial for understanding the level of protection provided by vaccines. While vaccines are highly effective at preventing severe illness, they may not provide 100% immunity. Diagnostic tests can identify breakthrough infections, which occur when vaccinated individuals contract the virus. Monitoring these cases is essential for adjusting public health measures and vaccination strategies. As new data emerges about the duration of vaccine protection, booster shots may be recommended. Diagnostic tests can help identify when individuals may need booster doses based on declining antibody levels or the presence of variants of concern. As of March 4, 2023, 94.6% of individuals aged 12 and above had received at least one dose of the

+357 96 030922
info@marketpublishers.com

COVID-19 vaccine, while 87.8% were fully vaccinated. This achievement highlighted the success of India's nationwide immunization drive, which aimed to protect the population and control the spread of the virus through widespread vaccination coverage.

Widespread testing can help health authorities gauge the level of population immunity achieved through vaccination. This information guides decisions about reopening and easing restrictions. In some regions and for certain activities, proof of vaccination may be required. Diagnostic tests can be used to verify an individual's vaccination status, ensuring compliance with public health measures. Diagnostic testing can be used to track the progress of vaccination campaigns, identify underserved populations, and evaluate the effectiveness of vaccination strategies. This information can inform adjustments to the rollout plan. Large gatherings, such as concerts or sports events, may require attendees to provide proof of vaccination or a negative COVID-19 test. Diagnostic testing is necessary for individuals who are not vaccinated or have recently traveled.

Widespread testing, including both diagnostic and serological tests, can increase public confidence in vaccination programs. When people see that the effectiveness of vaccines is being monitored and documented, they may be more willing to get vaccinated. Testing data is essential for ongoing research into vaccine effectiveness, including real-world studies. These studies help in understanding how vaccines perform in different populations and under varying conditions. Diagnostic tests are used to detect specific variants of the virus. Monitoring the prevalence of variants can help health authorities assess their impact on vaccine efficacy and make necessary adjustments. This factor will help in the development of the India Coronavirus Diagnostics Market.

Key Market Challenges

Supply Chain Disruptions

The global demand for COVID-19 testing kits led to shortages, making it difficult for healthcare facilities and laboratories to procure an adequate supply of testing kits. Key components, such as testing reagents and consumables, experienced shortages, affecting the ability to conduct tests. Many of these reagents are imported, and disruptions in international supply chains had a direct impact on testing capacity. Lockdowns, restrictions, and transportation disruptions impacted the timely delivery of testing kits and samples to laboratories and testing centers, leading to delays in testing and reporting results. Personal protective equipment (PPE) is crucial for the safety of

+357 96 030922
info@marketpublishers.com

healthcare workers conducting tests. Shortages of PPE could hamper testing efforts and put healthcare professionals at risk. The supply chain disruptions affected the availability of essential equipment like PCR machines and other diagnostic instruments. This hindered the expansion of testing capacity. Supply chain disruptions could lead to variations in the quality of testing materials, affecting the reliability and accuracy of diagnostic tests. Prices of testing materials and equipment often fluctuated due to supply and demand imbalances, potentially increasing the cost of testing and making it less affordable for certain segments of the population.

Key Market Trends

Home Testing Kits

Home testing kits provide a convenient option for individuals to get tested without having to visit a testing center or healthcare facility. This convenience was especially important for individuals who were unable or unwilling to leave their homes. Home testing allowed individuals to minimize their risk of exposure to the virus, as they did not need to visit crowded testing sites or interact with healthcare workers in person. Many home testing kits provided rapid results, often within 15 to 30 minutes. This quick turnaround time was valuable for individuals who needed to know their COVID-19 status promptly. These kits were designed to be user-friendly, with clear instructions for self-administration. Most people could use them without extensive training. Home testing extended testing access to individuals in remote or underserved areas who may not have had easy access to testing centers. By enabling individuals to test at home, the demand on healthcare systems and testing centers was reduced, which helped alleviate pressure on healthcare resources. Home testing kits could be used as part of monitoring and surveillance programs, allowing public health authorities to collect data on the spread of the virus. Many individuals used home testing kits to meet pre-travel and event testing requirements. This was particularly relevant when traveling or attending gatherings where a negative test result was necessary for entry. Home testing kits allowed individuals who tested positive to confirm their status and self-isolate without the need for a confirmatory test from a healthcare facility.

Key Market Players

Abbott Laboratories India Ltd.,

Biomerieux India Private Limited

+357 96 030922
info@marketpublishers.com

Bio-Rad Laboratories India Pvt. Ltd.

DHR Holding India Pvt Ltd.

Roche Diagnostics India Pvt. Ltd

Pfizer India Ltd.

Mylab Discovery Solutions Pvt. Ltd.

Thermo Fisher Scientific India Pvt. Ltd.

CPC Diagnostics Pvt. Ltd.

Zydus Cadila Ltd.

Report Scope:

In this report, the India Coronavirus Diagnostics Market has been segmented into the following categories, in addition to the industry trends which have also been detailed below:

India Coronavirus Diagnostics Market, By Type of Test:

Molecular

Serology

India Coronavirus Diagnostics Market, By User:

Single

Multiple

India Coronavirus Diagnostics Market, By Full Test Time:

Less Than 60 Minutes

+357 96 030922
info@marketpublishers.com

1 Hours to 12 Hours

13 Hours-24Hours

More Than 1 Day

India Coronavirus Diagnostics Market, By End-User:

Hospitals

Public Health Labs

Private or Commercial Labs

Physician Labs

Others

India Coronavirus Diagnostics Market, By Region:

North India

South India

East India

West India

Competitive Landscape

Company Profiles: Detailed analysis of the major companies presents in the India Coronavirus Diagnostics Market.

Available Customizations:

India Coronavirus Diagnostics Market report with the given market data, TechSci Research offers customizations according to a company's specific needs. The following customization options are available for the report:

+357 96 030922
info@marketpublishers.com

Company Information

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

+357 96 030922
info@marketpublishers.com

Contents

+357 96 030922
info@marketpublishers.com

+357 96 030922
info@marketpublishers.com

+357 96 030922
info@marketpublishers.com

+357 96 030922
info@marketpublishers.com

I would like to order

Product name: India Coronavirus Diagnostics Market By Type of Test (Molecular, Serology), By User (Single, Multiple), By Full Test Time (Less Than 60 Minutes, 1 Hours to 12 Hours, 13 Hours-24Hours, More Than 1 Day), By End User (Hospitals, Public Health Labs, Private or Commercial Labs, Physician Labs, Others), By Region, and Competition, Opportunityies & Forecast, 2020-2030F

Product link: https://marketpublishers.com/r/I60D5CEDFA81EN.html

Price: US$ 3,500.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:
info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page https://marketpublishers.com/r/I60D5CEDFA81EN.html