

Covid-19 Antigen Test Market Outlook 2025-2034: Market Share, and Growth Analysis By Product And Service (Platforms, Reagents And Kits, Services), By Specimen Type (Nasopharyngeal Swab, Oropharyngeal Swab, Nasal Swab), By End-Use

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Abstracts

The Covid-19 Antigen Test Market is valued at USD 9.4 billion in 2025 and is projected to grow at a CAGR of 8.9% to reach USD 20.3 billion by 2034. The COVID-19 antigen test market experienced unprecedented growth during the pandemic, as countries sought rapid, cost-effective methods to detect active infections. These tests became a cornerstone of public health strategies due to their speed and ease of use compared to molecular diagnostics. Antigen tests were employed in a variety of settings, from healthcare facilities and airports to schools and community testing centers. Their ability to deliver results in minutes made them a vital tool for tracking outbreaks, enabling swift isolation of positive cases and helping to curb virus transmission. The market continued to expand as manufacturers introduced next-generation antigen tests with improved accuracy and sensitivity. Portable testing kits and home-use products became increasingly popular, allowing individuals to self-screen before attending events or gatherings. Governments and private organizations established partnerships to ensure a steady supply of tests, especially in regions with limited access to molecular diagnostics. Additionally, advancements in digital reporting and data integration enabled real-time tracking of test results, contributing to more effective outbreak management and resource allocation. Moving in, the antigen test market is expected to stabilize as vaccination rates rise and the immediate pandemic pressures diminish. However, demand for antigen tests is likely to persist for monitoring new variants and maintaining surveillance in high-risk populations. Companies may diversify their offerings by integrating multiplex testing capabilities, enabling simultaneous detection of multiple respiratory pathogens. The focus will shift towards enhancing the user experience,

reducing false negatives, and ensuring long-term affordability, positioning antigen tests as a standard diagnostic tool for future outbreaks and seasonal flu surveillance.

Key Insights Covid-19 Antigen Test Market

Development of next-generation antigen tests with higher sensitivity and accuracy.

Growing popularity of at-home antigen testing kits.

Increased adoption of digital reporting and data integration solutions.

Expansion of public-private partnerships to secure test supplies.

Introduction of multiplex antigen tests for detecting multiple respiratory pathogens.

Global need for rapid, affordable diagnostic solutions.

Widespread use in various non-traditional testing settings (e.g., airports, schools).

Continued monitoring requirements for new COVID-19 variants.

Government initiatives and funding programs to ensure test availability.

Accuracy concerns, including the risk of false negatives.

Market saturation and price pressures as molecular testing technology evolves.

Logistical hurdles in distributing tests to remote or underserved areas.

Covid-19 Antigen Test Market Segmentation

By Product And Service

Platforms

Reagents And Kits

Services

By Specimen Type

Nasopharyngeal Swab

Oropharyngeal Swab

Nasal Swab

By End-Use

Clinics And Hospitals

Home Care

Diagnostic Labs

Other End-Uses

Key Companies Analysed

F. Hoffmann-La Roche AG

Abbott Laboratories

Becton And Dickinson and Company

Laboratory Corporation Of America

PerkinElmer Inc.

Quidel Corporation

SD Biosensor Inc.

Diasorin S.P.A

Biosynex Swiss SA

iHealth Labs Inc.

Everlywell Inc.

JOYSBIO Biotechnology Co. Ltd.

Mylab Discovery Solutions Pvt. Ltd.

Access Bio Inc.

RayBiotech Life Inc.

CTK Biotech Inc.

Artron Laboratories Inc.

Princeton BioMeditech Corporation

ACON Laboratories Inc.

BioLytical Laboratories Inc.

BioNote Inc.

Assure Tech (Hangzhou) Co. Ltd.

ADS biotech Inc.

ANP Technologies Inc.

BTNX Inc.

Cellspect Co.Ltd.

Empowered Diagnostics LLC

GenBody Inc.

Beijing Wantai Biologicalpharmacy Enterprise Co. Ltd.

Covid-19 Antigen Test Market Analytics

The report employs rigorous tools, including Porter's Five Forces, value chain mapping, and scenario-based modeling, to assess supply–demand dynamics. Cross-sector influences from parent, derived, and substitute markets are evaluated to identify risks and opportunities. Trade and pricing analytics provide an up-to-date view of international flows, including leading exporters, importers, and regional price trends.

Macroeconomic indicators, policy frameworks such as carbon pricing and energy security strategies, and evolving consumer behavior are considered in forecasting scenarios. Recent deal flows, partnerships, and technology innovations are incorporated to assess their impact on future market performance.

Covid-19 Antigen Test Market Competitive Intelligence

The competitive landscape is mapped through OG Analysis' proprietary frameworks, profiling leading companies with details on business models, product portfolios, financial performance, and strategic initiatives. Key developments such as mergers & acquisitions, technology collaborations, investment inflows, and regional expansions are analyzed for their competitive impact. The report also identifies emerging players and innovative startups contributing to market disruption.

Regional insights highlight the most promising investment destinations, regulatory landscapes, and evolving partnerships across energy and industrial corridors.

Countries Covered

North America — Covid-19 Antigen Test market data and outlook to 2034

United States

Canada

Mexico

Europe — Covid-19 Antigen Test market data and outlook to 2034

Germany

United Kingdom

France

Italy

Spain

BeNeLux

Russia

Sweden

Asia-Pacific — Covid-19 Antigen Test market data and outlook to 2034

China

Japan

India

South Korea

Australia

Indonesia

Malaysia

Vietnam

Middle East and Africa — Covid-19 Antigen Test market data and outlook to 2034

Saudi Arabia

South Africa

Iran

UAE

Egypt

South and Central America — Covid-19 Antigen Test market data and outlook to 2034

Brazil

Argentina

Chile

Peru

** We can include data and analysis of additional countries on demand.*

Research Methodology

This study combines primary inputs from industry experts across the Covid-19 Antigen Test value chain with secondary data from associations, government publications, trade databases, and company disclosures. Proprietary modeling techniques, including data triangulation, statistical correlation, and scenario planning, are applied to deliver reliable market sizing and forecasting.

Key Questions Addressed

What is the current and forecast market size of the Covid-19 Antigen Test

industry at global, regional, and country levels?

Which types, applications, and technologies present the highest growth potential?

How are supply chains adapting to geopolitical and economic shocks?

What role do policy frameworks, trade flows, and sustainability targets play in shaping demand?

Who are the leading players, and how are their strategies evolving in the face of global uncertainty?

Which regional “hotspots” and customer segments will outpace the market, and what go-to-market and partnership models best support entry and expansion?

Where are the most investable opportunities—across technology roadmaps, sustainability-linked innovation, and M&A—and what is the best segment to invest over the next 3–5 years?

Your Key Takeaways from the Covid-19 Antigen Test Market Report

Global Covid-19 Antigen Test market size and growth projections (CAGR), 2024-2034

Impact of Russia-Ukraine, Israel-Palestine, and Hamas conflicts on Covid-19 Antigen Test trade, costs, and supply chains

Covid-19 Antigen Test market size, share, and outlook across 5 regions and 27 countries, 2023-2034

Covid-19 Antigen Test market size, CAGR, and market share of key products, applications, and end-user verticals, 2023-2034

Short- and long-term Covid-19 Antigen Test market trends, drivers, restraints, and opportunities

Porter’s Five Forces analysis, technological developments, and Covid-19

Antigen Test supply chain analysis

Covid-19 Antigen Test trade analysis, Covid-19 Antigen Test market price analysis, and Covid-19 Antigen Test supply/demand dynamics

Profiles of 5 leading companies—overview, key strategies, financials, and products

Latest Covid-19 Antigen Test market news and developments

Additional Support

With the purchase of this report, you will receive

An updated PDF report and an MS Excel data workbook containing all market tables and figures for easy analysis.

7-day post-sale analyst support for clarifications and in-scope supplementary data, ensuring the deliverable aligns precisely with your requirements.

Complimentary report update to incorporate the latest available data and the impact of recent market developments.

** The updated report will be delivered within 3 working days*

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