

# **Covid-19 Saliva Screening Test Potential Market Outlook 2025-2034: Market Share, and Growth Analysis By Location (Travel Stations, Sports Arenas, Entertainment Venues, Corporate Campus Environments, Universities And Colleges, Factories, Other Locations), By Technology (Fluorescence-Labelled Antigen, RT-PCR, CRISPR-Cas9), By Mode of Testing (Centralized Testing, Decentralized Testing)**

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## **Abstracts**

The Covid-19 Saliva Screening Test Potential Market is valued at USD 5.1 billion in 2025 and is projected to grow at a CAGR of 8.6% to reach USD 10.7 billion by 2034. The potential market for COVID-19 saliva screening tests has grown as researchers and healthcare providers seek non-invasive, user-friendly diagnostic methods. Saliva-based tests provide a more comfortable and accessible alternative to traditional nasopharyngeal swabs, making them especially appealing for large-scale testing in schools, workplaces, and public venues. This approach is not only less invasive but also reduces the risk of exposure for healthcare workers, as it can often be self-administered. As a result, the saliva screening test market has gained attention from both public health agencies and private companies looking to expand testing accessibility. The market witnessed continued investment in saliva-based diagnostics. Several startups and established biotech firms developed rapid saliva tests that deliver results in under an hour. Governments supported these initiatives by funding research and fast-tracking regulatory approvals. Meanwhile, universities and corporate campuses increasingly relied on saliva testing to monitor and contain outbreaks. Innovations included portable, smartphone-connected devices that analyze saliva samples on-site, offering a blend of convenience and accuracy. These advancements positioned saliva

screening as a critical tool in the ongoing battle against COVID-19, particularly as variant detection became a priority. The COVID-19 saliva screening test market is likely to diversify. Companies are exploring ways to integrate saliva testing into broader health monitoring platforms, potentially enabling individuals to track multiple health metrics through a single sample. Additionally, as global vaccination campaigns reduce severe cases, demand for convenient, repeatable screening methods will persist for routine surveillance and travel requirements. The continued development of more accurate and cost-effective saliva tests, combined with their inherent ease of use, will solidify their role in public health strategies and pandemic preparedness plans.

### Key Insights Covid-19 Saliva Screening Test Potential Market

- Rising adoption of saliva-based testing due to its non-invasive nature.
- Development of rapid, portable saliva testing devices.
- Integration of saliva tests with digital health platforms and mobile applications.
- Focus on detecting multiple COVID-19 variants and other respiratory pathogens.
- Expansion of saliva testing into routine workplace and school screening programs.
- Increased preference for non-invasive diagnostic methods.
- Growing need for convenient, repeatable testing solutions.
- Continued funding and regulatory support for innovative saliva-based diagnostics.
- Technological advancements enabling faster and more accurate results.
- Maintaining consistent sensitivity and specificity across different saliva test platforms.
- Logistical hurdles in scaling production and distribution globally.
- Navigating a competitive landscape with numerous diagnostic alternatives.

## Covid-19 Saliva Screening Test Potential Market Segmentation

### By Location

Travel Stations

Sports Arenas

Entertainment Venues

Corporate Campus Environments

Universities And Colleges

Factories

Other Locations

### By Technology

Fluorescence-Labelled Antigen

RT-PCR

CRISPR-Cas9)

By Mode of Testing (Centralized Testing

Decentralized Testing

### Key Companies Analysed

Roche Diagnostics Corporation

Thermo Fisher Scientific Inc.

Abbott Laboratories

Becton Dickinson and Company

Danaher Corporation

University of North Carolina at Chapel Hill

Hologic Inc.

Beaumont Health

PerkinElmer Inc.

Quidel Corporation

University of Illinois at Urbana-Champaign

Cepheid

Seegene Inc.

ARUP Laboratories

Vatic Health Limited

Ambry Genetics Corporation

LumiraDx Ltd.

Yale School of Public Health

Gravity Diagnostics

Psomagen Inc.

Fluidigm Corporation

Phosphorus Diagnostics LLC

DxTerity Diagnostics Inc.

University of Notre Dame

MOgene

FLuroTech Ltd.

## Covid-19 Saliva Screening Test Potential 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 Saliva Screening Test Potential 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 Saliva Screening Test Potential market data and outlook to 2034

United States

Canada

Mexico

Europe — Covid-19 Saliva Screening Test Potential market data and outlook to 2034

Germany

United Kingdom

France

Italy

Spain

BeNeLux

Russia

Sweden

Asia-Pacific — Covid-19 Saliva Screening Test Potential market data and outlook to 2034

China

Japan

India

South Korea

Australia

Indonesia

Malaysia

Vietnam

Middle East and Africa — Covid-19 Saliva Screening Test Potential market data and outlook to 2034

Saudi Arabia

South Africa

Iran

UAE

Egypt

South and Central America — Covid-19 Saliva Screening Test Potential 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 Saliva Screening Test Potential 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 Saliva Screening Test Potential 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 Saliva Screening Test Potential Market Report

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

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

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

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

Short- and long-term Covid-19 Saliva Screening Test Potential market trends, drivers, restraints, and opportunities

Porter's Five Forces analysis, technological developments, and Covid-19 Saliva Screening Test Potential supply chain analysis

Covid-19 Saliva Screening Test Potential trade analysis, Covid-19 Saliva Screening Test Potential market price analysis, and Covid-19 Saliva Screening Test Potential supply/demand dynamics

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

Latest Covid-19 Saliva Screening Test Potential 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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