

Global Saliva Collection and Diagnostics Market Size Study, By Site of Collection (Parotid Gland Collection, Submandibular/Sublingual Gland Collection), By Application (Disease Diagnostics, Forensic Applications, Research), By End-Use (Diagnostic Laboratories, Pharmaceutical & Biotechnology Companies), and Regional Forecasts, 2022–2032

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Abstracts

The Global Saliva Collection and Diagnostics Market is poised for significant growth, with an estimated valuation of USD 0.78 Billion in 2023, projected to reach USD 1.18 Billion by 2032, growing at a CAGR of 4.7% during the forecast period. This surge is attributed to rising advancements in non-invasive diagnostic technologies, growing awareness about saliva-based testing, and innovations in sample collection devices.

The COVID-19 pandemic acted as a key accelerator, highlighting saliva's potential as a viable sample type for diagnostic applications, including infectious disease testing. The non-invasive nature of saliva collection methods, coupled with innovations like the SpecIMAX Stabilized Saliva Collection Kit, has further propelled market adoption. Moreover, the expansion of saliva-based diagnostics beyond COVID-19 into areas such as hormonal monitoring, stress analysis, and chronic disease detection underpins the increasing preference for this sample type over traditional blood tests.

Significant advancements in multiplex testing capabilities are streamlining the diagnostic process, enabling the simultaneous detection of multiple biomarkers from a single saliva sample. Applications in fields such as occupational health, sports medicine, and oncology are further bolstering the market's prospects.

Regionally, North America dominated in 2024 with a revenue share of 48.71%, driven by an increase in infectious disease cases and advancements in testing technology. In Europe, the market benefits from a robust healthcare infrastructure and rising regional players introducing innovative solutions. Meanwhile, the Asia Pacific region is witnessing the fastest growth, driven by increasing adoption of non-invasive testing methods.

Major market players included in this report are:

Thermo Fisher Scientific, Inc.

Neogen Corporation

Abbott

Sarstedt AG & Co.KG

Autogen, Inc.

Oasis Diagnostics

Porex

Salimetrics, LLC

Takara Bio, Inc.

Arcis Bio

Orasure Technologies

Nusantics Group

Mark Microbiotech

Bio Farma

Salignostics

The detailed segments and sub-segments of the market are explained below:

By Site of Collection:

Parotid Gland Collection

Submandibular/Sublingual Gland Collection

Others

By Application:

Disease Diagnostics

Forensic Applications

Research

By End-Use:

Diagnostic Laboratories

Pharmaceutical & Biotechnology Companies

Research Institutes

Dentistry

By Region:

North America

U.S.

Canada

Mexico

Europe

UK

Germany

France

Italy

Spain

Denmark

Sweden

Norway

Asia Pacific

China

Japan

India

South Korea

Australia

Thailand

Latin America

Brazil

Argentina

Middle East & Africa

Saudi Arabia

South Africa

UAE

Kuwait

Years considered for the study are as follows:

Historical year – 2022

Base year – 2023

Forecast period – 2024 to 2032

Key Takeaways:

Market Estimates & Forecasts for 10 years (2022–2032).

Annualized revenues and regional-level analysis for each market segment.

Competitive landscape analysis with company profiles of major players.

Strategic insights on emerging market trends and opportunities.

Contents

CHAPTER 1: GLOBAL SALIVA COLLECTION AND DIAGNOSTICS MARKET EXECUTIVE SUMMARY

1.1. Global Market Size & Forecast (2022–2032)

1.2. Regional Overview

1.3. Segmental Analysis

1.3.1. By Site of Collection

1.3.2. By Application

1.3.3. By End-Use

1.4. Key Market Trends

1.5. Recession Impact Analysis

1.6. Analyst Recommendations

CHAPTER 2: MARKET DEFINITION AND RESEARCH ASSUMPTIONS

2.1. Research Objectives

2.2. Market Definition

2.3. Research Assumptions

2.3.1. Inclusion & Exclusion Criteria

2.3.2. Limitations

2.3.3. Supply-Side Analysis

2.3.4. Demand-Side Analysis

2.4. Estimation Methodology

2.5. Years Considered for the Study

CHAPTER 3: MARKET DYNAMICS

3.1. Market Drivers

3.1.1. Increasing Adoption of Non-Invasive Diagnostic Techniques

3.1.2. Technological Advancements in Sample Collection

3.1.3. Expanding Applications of Saliva-Based Diagnostics

3.2. Market Challenges

3.2.1. Regulatory Barriers in Emerging Markets

3.2.2. Challenges in Sample Stability and Integrity

3.3. Market Opportunities

3.3.1. Growth in Multiplex Testing Capabilities

3.3.2. Rising Investment in R&D

CHAPTER 4: INDUSTRY ANALYSIS

4.1. Porter's Five Forces Analysis

4.2. PESTEL Analysis

4.3. Disruptive Trends in Diagnostics

4.4. Key Investment Opportunities

4.5. Expert Recommendations

CHAPTER 5: GLOBAL MARKET SIZE AND FORECAST BY SITE OF COLLECTION (2022–2032)

5.1. Parotid Gland Collection

5.2. Submandibular/Sublingual Gland Collection

5.3. Others

CHAPTER 6: GLOBAL MARKET SIZE AND FORECAST BY APPLICATION (2022–2032)

6.1. Disease Diagnostics

6.2. Forensic Applications

6.3. Research

CHAPTER 7: GLOBAL MARKET SIZE AND FORECAST BY END-USE (2022–2032)

7.1. Diagnostic Laboratories

7.2. Pharmaceutical & Biotechnology Companies

7.3. Research Institutes

7.4. Dentistry

CHAPTER 8: REGIONAL ANALYSIS (2022–2032)

- 8.1. North America
 - 8.2. Europe
 - 8.3. Asia Pacific
 - 8.4. Latin America
 - 8.5. Middle East & Africa
-

CHAPTER 9: COMPETITIVE INTELLIGENCE

- 9.1. Key Company SWOT Analysis
 - 9.1.1. Thermo Fisher Scientific, Inc.
 - 9.1.2. Neogen Corporation
 - 9.1.3. Abbott
 - 9.2. Strategic Developments
 - 9.3. Market Share Analysis
-

CHAPTER 10: RESEARCH PROCESS

- 10.1. Data Collection Techniques
- 10.2. Market Estimation Methods
- 10.3. Validation Process

12. LIST OF TABLES

- TABLE 1: Global Saliva Collection Market Estimates by Site of Collection (2025–2030)
- TABLE 2: Market Forecasts by Application (2025–2030)
- TABLE 3: End-Use Market Revenue Trends

12. LIST OF FIGURES

- FIGURE 1: Global Market Size Overview (2025–2030)
- FIGURE 2: Market Share by Application, 2024
- FIGURE 3: Growth Opportunities in Regional Markets

This list is not complete; the final report includes over 100 tables and 50 figures.

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