

# **Respiratory Diagnostics Market Size, Trends, Analysis, and Outlook By Products and Services (Instruments & Devices, Assays & Reagents, Services & Software), By Test (Mechanical Tests, Osa Diagnostic Tests, Imaging Tests, Traditional Diagnostic Tests, Molecular Diagnostic Tests), By Indication (Tuberculosis, Asthma, Lung Cancer, Chronic Obstructive Pulmonary Disease, Others), By End-User (Hospitals and Clinics, Diagnostics Laboratories, Others), by Country, Segment, and Companies, 2024-2032**

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## **Abstracts**

The global Respiratory Diagnostics market size is poised to register 7.6% growth from 2024 to 2032, presenting significant growth prospects for companies operating in the industry. The industry study analyzes the global Respiratory Diagnostics market across By Products and Services (Instruments & Devices, Assays & Reagents, Services & Software), By Test (Mechanical Tests, Osa Diagnostic Tests, Imaging Tests, Traditional Diagnostic Tests, Molecular Diagnostic Tests), By Indication (Tuberculosis, Asthma, Lung Cancer, Chronic Obstructive Pulmonary Disease, Others), By End-User (Hospitals and Clinics, Diagnostics Laboratories, Others)

The Respiratory Diagnostics market is witnessing significant growth driven by the increasing demand for accurate and timely diagnosis of respiratory infections, lung diseases, and respiratory allergies. Respiratory diagnostics play a crucial role in identifying pathogens, assessing lung function, and guiding treatment decisions for

patients with respiratory conditions. With the growing prevalence of respiratory diseases and the need for rapid diagnostic testing in clinical settings, there is a rising need for respiratory diagnostic tests that offer high sensitivity, specificity, and speed. Further, advancements in molecular diagnostics, point-of-care testing, and multiplexing technologies are driving market growth by enabling more comprehensive and efficient respiratory diagnostic workflows. By 2030, the market is expected to witness substantial expansion, fueled by the increasing adoption of respiratory diagnostic tests in hospitals, clinics, and emergency departments.

## Respiratory Diagnostics Market Drivers, Trends, Opportunities, and Growth Opportunities

This comprehensive study discusses the latest trends and the most pressing challenges for industry players and investors. The Respiratory Diagnostics market research analyses the global market trends, key drivers, challenges, and opportunities in the industry. In addition, the latest Future of Respiratory Diagnostics survey report provides the market size outlook across types, applications, and other segments across the world and regions. It provides data-driven insights and actionable recommendations for companies in the Respiratory Diagnostics industry.

## Key market trends defining the global Respiratory Diagnostics demand in 2024 and Beyond

The industry continues to remain an attractive hub for opportunities for both domestic and global vendors. As the market evolves, factors such as emerging market dynamics, demand from end-user sectors, a growing patient base, changes in consumption patterns, and widening distribution channels continue to play a major role.

## Respiratory Diagnostics Market Segmentation- Industry Share, Market Size, and Outlook to 2032

The Respiratory Diagnostics industry comprises a wide range of segments and sub-segments. The rising demand for these product types and applications is supporting companies to increase their investment levels across niche segments. Accordingly, leading companies plan to generate a large share of their future revenue growth from expansion into these niche segments. The report presents the market size outlook across segments to support Respiratory Diagnostics companies scaling up production in these sub-segments with a focus on expanding into emerging countries.

Key strategies adopted by companies within the Respiratory Diagnostics industry

Leading Respiratory Diagnostics companies are boosting investments to capitalize on untapped potential and future possibilities across niche market segments and surging demand conditions in key regions. Further, companies are leveraging advanced technologies to unlock opportunities and achieve operational excellence. The report provides key strategies opted for by the top 10 Respiratory Diagnostics companies.

Respiratory Diagnostics Market Study- Strategic Analysis Review

The Respiratory Diagnostics market research report dives deep into the qualitative factors shaping the market, empowering you to make informed decisions-

**Industry Dynamics:** Porter's Five Forces analysis to understand bargaining power, competitive rivalry, and threats that impact long-term strategy formulation.

**Strategic Insights:** Provides valuable perspectives on key players and their approaches based on comprehensive strategy analysis.

**Internal Strengths and Weaknesses:** Develop targeted strategies to leverage strengths, address weaknesses, and capitalize on market opportunities.

**Future Possibilities:** Prepare for diverse outcomes with in-depth scenario analysis. Explore potential market disruptions, technology advancements, and economic changes.

Respiratory Diagnostics Market Size Outlook- Historic and Forecast Revenue in Three Cases

The Respiratory Diagnostics industry report provides a detailed analysis and outlook of revenue generated by companies from 2018 to 2023. Further, with actual data for 2023, the report forecasts the market size outlook from 2024 to 2032 in three case scenarios- low case, reference case, and high case scenarios.

Respiratory Diagnostics Country Analysis and Revenue Outlook to 2032

The report analyses 22 countries worldwide including the key driving forces and market

size outlook from 2021 to 2032. In addition, region analysis across Asia Pacific, Europe, the Middle East, Africa, North America, and South America is included in the study. For each of the six regions, the market size outlook by segments is forecast for 2032.

**North America Respiratory Diagnostics Market Size Outlook- Companies plan for focused investments in a changing environment**

The US continues to remain the market leader in North America, driven by a large consumer base, the presence of well-established providers, and a strong healthcare infrastructure. Leading companies focus on new product launches in the changing environment. The US healthcare expenditure is expected to grow to \$4.8 trillion in 2024 (around 3.7% growth in 2024), potentially driving demand for various Respiratory Diagnostics market segments. Similarly, Strong market demand is encouraging Canadian Respiratory Diagnostics companies to invest in niche segments. Further, as Mexico continues to strengthen its relations and invest in technological advancements, the Mexico Respiratory Diagnostics market is expected to experience significant expansion, offering lucrative opportunities for both domestic and international stakeholders.

**Europe Respiratory Diagnostics Market Size Outlook-Companies investing in assessing consumers, categories, competitors, and capabilities**

The German industry remains the major market for companies in the European Respiratory Diagnostics industry with consumers in Germany, France, the UK, Spain, Italy, and others anticipated to register a steady demand throughout the forecast period, driving the overall market prospects. In addition, the proactive approach of vendors in identifying and leveraging new growth prospects positions the European Respiratory Diagnostics market for an upward trajectory, fostering both domestic and international interest. Leading brands operating in the industry are emphasizing effective marketing strategies, innovative product offerings, and a keen understanding of consumer preferences.

**Asia Pacific Respiratory Diagnostics Market Size Outlook- an attractive hub for opportunities for both local and global companies**

The increasing prevalence of indications, robust healthcare expenditure, and increasing investments in healthcare infrastructure drive the demand for Respiratory Diagnostics in Asia Pacific. In particular, China, India, and South East Asian Respiratory Diagnostics markets present a compelling outlook for 2032, acting as a magnet for both domestic

and multinational vendors seeking growth opportunities. Similarly, with a burgeoning population and a rising middle class, India offers a vast consumer market. Japanese and Korean companies are quickly aligning their strategies to navigate changes, explore new markets, and enhance their competitive edge. Our report utilizes in-depth interviews with industry experts and comprehensive data analysis to provide a comprehensive outlook of 6 major countries in the APAC region.

**Latin America Respiratory Diagnostics Market Size Outlook- Continued urbanization and rising income levels**

Rising income levels contribute to greater purchasing power among consumers, spurring consumption and creating opportunities for market expansion. Continued urbanization and rising income levels are expected to sustainably drive consumption growth in the medium to long term.

**Middle East and Africa Respiratory Diagnostics Market Size Outlook- continues its upward trajectory across segments**

Robust demand from Middle Eastern countries including Saudi Arabia, the UAE, Qatar, Kuwait, and other GCC countries supports the overall Middle East Respiratory Diagnostics market potential. Fueled by increasing healthcare expenditure of individuals, growing population, and high prevalence across a few markets drives the demand for Respiratory Diagnostics.

**Respiratory Diagnostics Market Company Profiles**

The global Respiratory Diagnostics market is characterized by intense competitive conditions with leading companies opting for aggressive marketing to gain market shares. The report presents business descriptions, SWOT analysis, growth strategies, and financial profiles. Leading companies included in the study are Abbott Laboratories, Becton, Dickinson and Company, bioMérieux SA, Bio-Rad Laboratories Inc, BIRD Healthcare, Briota Technologies Private Ltd, Compumedics Ltd, GE Healthcare, Hologic Inc, Koninklijke Philips N.V., L?wenstein Medical Technology, ndd Medizintechnik AG, Nihon Kohden Corp, ProAxxis Ltd, QIAGEN N.V., ResMed Inc, Revvity Inc, SDI Diagnostics Inc, Seegene Inc, Siemens Healthcare GmbH, Thermo Fisher Scientific Inc, VisBy Medical Inc, Vitalograph Ltd, Vyair Medical Inc.

**Recent Respiratory Diagnostics Market Developments**

The global Respiratory Diagnostics market study presents recent market news and developments including new product launches, mergers, acquisitions, expansions, product approvals, and other updates in the industry.

## Respiratory Diagnostics Market Report Scope

Parameters: Revenue, Volume Price

Study Period: 2023 (Base Year); 2018- 2023 (Historic Period); 2024- 2032 (Forecast Period)

Currency: USD; (Upon request, can be provided in Euro, JPY, GBP, and other Local Currency)

## Qualitative Analysis

Pricing Analysis

Value Chain Analysis

SWOT Profile

Market Dynamics- Trends, Drivers, Challenges

Porter's Five Forces Analysis

Macroeconomic Impact Analysis

Case Scenarios- Low, Base, High

## Market Segmentation:

By Products and Services

Instruments & Devices

Assays & Reagents

## Services & Software

### By Test

#### Mechanical Tests

- Pulmonary Function Tests

- Spirometry

- Peak Flow Test

#### Osa Diagnostic Tests

#### Imaging Tests

- X-Ray

- Computed Tomography

- Magnetic Resonance Imaging (MRI)

- Positron Emission Tomography (PET)

- Others

#### Traditional Diagnostic Tests

- Immunodiagnosics

- Biochemical Tests

- Microscopy

#### Molecular Diagnostic Tests

- PCR

- Nucleic Acid Amplification Test

-In Situ Hybridization

-DNA Sequencing & Next-Generation Sequencing (NGS)

-Microarrays

-Others

By Indication

Tuberculosis

Asthma

Lung Cancer

Chronic Obstructive Pulmonary Disease

Others

By End-User

Hospitals and Clinics

Diagnostics Laboratories

Others

Geographical Segmentation:

North America (3 markets)

Europe (6 markets)

Asia Pacific (6 markets)

Latin America (3 markets)



## Middle East Africa (5 markets)

## Companies

Abbott Laboratories

Becton, Dickinson and Company

bioMérieux SA

Bio-Rad Laboratories Inc

BIRD Healthcare

Briota Technologies Private Ltd

Compumedics Ltd

GE Healthcare

Hologic Inc

Koninklijke Philips N.V.

Lüwenstein Medical Technology

Mind Medizintechnik AG

Nihon Kohden Corp

ProAxis Ltd

QIAGEN N.V.

ResMed Inc

Revvity Inc

SDI Diagnostics Inc

Seegene Inc

Siemens Healthcare GmbH

Thermo Fisher Scientific Inc

VisBy Medical Inc

Vitalograph Ltd

Vyaire Medical Inc

Formats Available: Excel, PDF, and PPT

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## Services & Software

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- Spirometry

- Peak Flow Test

#### Osa Diagnostic Tests

#### Imaging Tests

- X-Ray

- Computed Tomography

- Magnetic Resonance Imaging (MRI)

- Positron Emission Tomography (PET)

- Others

#### Traditional Diagnostic Tests

- Immunodiagnosics

- Biochemical Tests

- Microscopy

#### Molecular Diagnostic Tests

- PCR

- Nucleic Acid Amplification Test

- In Situ Hybridization

- DNA Sequencing & Next-Generation Sequencing (NGS)

- Microarrays

- Others

### By Indication

#### Tuberculosis

#### Asthma

#### Lung Cancer

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#### Others

### By End-User

#### Hospitals and Clinics

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#### Others

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Becton, Dickinson and Company  
bioMérieux SA  
Bio-Rad Laboratories Inc  
BIRD Healthcare  
Briota Technologies Private Ltd  
Compumedics Ltd  
GE Healthcare  
Hologic Inc  
Koninklijke Philips N.V.  
L?wenstein Medical Technology  
ndd Medizintechnik AG  
Nihon Kohden Corp  
ProAxis Ltd  
QIAGEN N.V.  
ResMed Inc  
Revvity Inc  
SDI Diagnostics Inc  
Seegene Inc  
Siemens Healthcare GmbH  
Thermo Fisher Scientific Inc  
VisBy Medical Inc  
Vitalograph Ltd  
Vyaire Medical Inc.

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