

# **Solid Tumor Testing Market Size, Trends, Analysis, and Outlook By Type (Genetic Testing, Conventional Testing), By Application (Prostate, Breast, Colorectal, Endometrial, Lung, Melanoma, Brain, Thyroid, Liver, Ovarian, Others), By End-user (Pharmaceutical and Biotechnology Companies, Hospitals, Contract Research Organizations, Academic Research Institutions), by Region, Country, Segment, and Companies, 2024-2030**

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## **Abstracts**

The global Solid Tumor Testing market size is poised to register 7.7% growth from 2024 to 2030, presenting significant growth prospects for companies operating in the industry. The industry study analyzes the global Solid Tumor Testing market across By Type (Genetic Testing, Conventional Testing), By Application (Prostate, Breast, Colorectal, Endometrial, Lung, Melanoma, Brain, Thyroid, Liver, Ovarian, Others), By End-user (Pharmaceutical and Biotechnology Companies, Hospitals, Contract Research Organizations, Academic Research Institutions).

The Solid Tumor Testing market is experiencing rapid growth, driven by advances in molecular diagnostics, personalized medicine approaches, and the increasing prevalence of cancer worldwide. Solid tumor testing, which involves analyzing tumor tissue or circulating biomarkers to identify genetic mutations, protein expression patterns, and other molecular characteristics, plays a critical role in guiding cancer treatment decisions and optimizing patient outcomes. With factors such as rising cancer incidence, growing demand for targeted therapies, and the need for comprehensive genomic profiling driving the market, diagnostic laboratories, biotechnology companies,

and academic institutions are investing in next-generation sequencing platforms, multiplex assays, and bioinformatics tools for solid tumor testing. With ongoing research into tumor heterogeneity, drug resistance mechanisms, and immune evasion pathways, the market for solid tumor testing is poised for further expansion, offering hope for more effective and personalized cancer treatments.

## Solid Tumor Testing 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 Solid Tumor Testing market research analyses the global market trends, key drivers, challenges, and opportunities in the industry. In addition, the latest Future of Solid Tumor Testing 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 Solid Tumor Testing industry.

## Key market trends defining the global Solid Tumor Testing 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.

## Solid Tumor Testing Market Segmentation- Industry Share, Market Size, and Outlook to 2030

The Solid Tumor Testing 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 Solid Tumor Testing companies scaling up production in these sub-segments with a focus on expanding into emerging countries.

## Key strategies adopted by companies within the Solid Tumor Testing industry

Leading Solid Tumor Testing 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 Solid Tumor Testing companies.

### Solid Tumor Testing Market Study- Strategic Analysis Review

The Solid Tumor Testing 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.

### Solid Tumor Testing Market Size Outlook- Historic and Forecast Revenue in Three Cases

The Solid Tumor Testing 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 2030 in three case scenarios- low case, reference case, and high case scenarios.

### Solid Tumor Testing Country Analysis and Revenue Outlook to 2030

The report analyses 22 countries worldwide including the key driving forces and market size outlook from 2021 to 2030. 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 2030.

### North America Solid Tumor Testing Market Size Outlook- Companies plan for focused

*Solid Tumor Testing Market Size, Trends, Analysis, and Outlook By Type (Genetic Testing, Conventional Testing)...*

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 end-user industry demand. Leading companies focus on new product launches in the changing environment. The US economy is expected to grow in 2024 (around 2.2% growth in 2024), potentially driving demand for various Solid Tumor Testing market segments. Similarly, Strong end-user demand is encouraging Canadian Solid Tumor Testing companies to invest in niche segments. Further, as Mexico continues to strengthen its trade relations and invest in technological advancements, the Mexico Solid Tumor Testing market is expected to experience significant expansion, offering lucrative opportunities for both domestic and international stakeholders.

Europe Solid Tumor Testing Market Size Outlook-Companies investing in assessing consumers, categories, competitors, and capabilities

The German industry remains the major market for companies in the European Solid Tumor Testing 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 businesses in identifying and leveraging new growth prospects positions the European Solid Tumor Testing 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 Solid Tumor Testing 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 Solid Tumor Testing in Asia Pacific. In particular, China, India, and South East Asian Solid Tumor Testing markets present a compelling outlook for 2030, acting as a magnet for both domestic and multinational manufacturers 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 markets in the region.

Latin America Solid Tumor Testing 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 Solid Tumor Testing 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 Solid Tumor Testing market potential. Fueled by increasing healthcare expenditure of individuals, growing population, and high prevalence across a few markets drives the demand for Solid Tumor Testing.

Solid Tumor Testing Market Company Profiles

The global Solid Tumor Testing 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, Agilent Technologies Inc, AMSBIO, Biocare Medical LLC, BioLifeSolutions Inc, CellGenix GmbH., Corning Inc, F. Hoffmann-La Roche AG, Illumina Inc, LGC SeraCare, MedGenome Labs Private Ltd, Myriad Genetics Inc, Princeton CryoTech, QIAGEN, Quest Diagnostics Inc, STEMCELL Technologies Inc, Thermo Fisher Scientific Inc

Recent Solid Tumor Testing Market Developments

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

Solid Tumor Testing Market Report Scope

Parameters: Revenue, Volume Price

Study Period: 2023 (Base Year); 2018- 2023 (Historic Period); 2024- 2030 (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 Type

Genetic Testing

-Next generation sequencing

-Real-time PCR

-Fluorescent In-Situ Hybridization

-Fragment Analysis

Conventional Testing

## By Application

Prostate

Breast

Colorectal

Endometrial

Lung

Melanoma

Brain

Thyroid

Liver

Ovarian

Others

## By End-User

Pharmaceutical and Biotechnology Companies

Hospitals

Contract Research Organizations

Academic Research Institutions

## 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

Agilent Technologies Inc

AMSBIO

Biocare Medical LLC

BioLifeSolutions Inc

CellGenix GmbH.

Corning Inc

F. Hoffmann-La Roche AG

Illumina Inc

LGC SeraCare

MedGenome Labs Private Ltd

Myriad Genetics Inc

Princeton CryoTech

QIAGEN

Quest Diagnostics Inc



STEMCELL Technologies Inc

Thermo Fisher Scientific Inc

Formats Available: Excel, PDF, and PPT

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Prostate

Breast

Colorectal

Endometrial

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Agilent Technologies Inc  
AMSBIO  
Biocare Medical LLC  
BioLifeSolutions Inc  
CellGenix GmbH.  
Corning Inc  
F. Hoffmann-La Roche AG  
Illumina Inc  
LGC SeraCare  
MedGenome Labs Private Ltd  
Myriad Genetics Inc  
Princeton CryoTech  
QIAGEN  
Quest Diagnostics Inc  
STEMCELL Technologies Inc  
Thermo Fisher Scientific Inc

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