

# Fluid Biopsy Market Size, Trends, Analysis, and Outlook By Indication (Lung Cancer, Breast Cancer, Colorectal, Others), By Type (Circulating Tumor Cells, Circulating Tumor DNA, Cell-free DNA), by Country, Segment, and Companies, 2024-2032

<https://marketpublishers.com/r/F5765E021B7BEN.html>

Date: April 2024

Pages: 205

Price: US\$ 3,980.00 (Single User License)

ID: F5765E021B7BEN

## Abstracts

The global Fluid Biopsy market size is poised to register 14.5% growth from 2024 to 2032, presenting significant growth prospects for companies operating in the industry. The industry study analyzes the global Fluid Biopsy market across By Indication (Lung Cancer, Breast Cancer, Colorectal, Others), By Type (Circulating Tumor Cells, Circulating Tumor DNA, Cell-free DNA)

With the increasing emphasis on minimally invasive cancer diagnostics and precision oncology and the growing demand for liquid biopsy tests that offer non-invasive and real-time assessment of tumor-derived biomarkers in blood, urine, and other body fluids, there is a rising adoption of fluid biopsy technologies that enable early cancer detection, treatment monitoring, and therapy guidance in cancer patients. Market growth is driven by factors such as expanding oncology market, rising cancer incidence and mortality rates, and advancements in molecular diagnostics and next-generation sequencing (NGS) for sensitive and specific detection of circulating tumor DNA (ctDNA), circulating tumor cells (CTCs), and extracellular vesicles (EVs) in liquid biopsy specimens. Additionally, the expanding applications of fluid biopsy in cancer screening, minimal residual disease (MRD) detection, and treatment response assessment, as well as the development of multi-analyte liquid biopsy panels and machine learning algorithms for comprehensive cancer profiling and predictive biomarker discovery, contribute to market expansion. Further, the emphasis on liquid biopsy test validation, standardization, and regulatory approval in oncology clinical trials and patient care pathways, along with efforts to integrate liquid biopsy data with electronic health records (EHRs) and clinical

decision support systems for precision cancer medicine and personalized therapy optimization, is expected to further accelerate market growth in the coming years.

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

## Key market trends defining the global Fluid Biopsy 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.

## Fluid Biopsy Market Segmentation- Industry Share, Market Size, and Outlook to 2032

The Fluid Biopsy 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 Fluid Biopsy companies scaling up production in these sub-segments with a focus on expanding into emerging countries.

## Key strategies adopted by companies within the Fluid Biopsy industry

Leading Fluid Biopsy 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 Fluid Biopsy companies.

## Fluid Biopsy Market Study- Strategic Analysis Review

The Fluid Biopsy 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.

## Fluid Biopsy Market Size Outlook- Historic and Forecast Revenue in Three Cases

The Fluid Biopsy 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.

## Fluid Biopsy 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 Fluid Biopsy 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 Fluid Biopsy market segments. Similarly, Strong market demand is encouraging Canadian Fluid Biopsy companies to invest in niche segments. Further, as Mexico continues to strengthen its relations and invest in technological advancements, the Mexico Fluid Biopsy market is expected to experience significant expansion, offering lucrative opportunities for both domestic and international stakeholders.

Europe Fluid Biopsy Market Size Outlook-Companies investing in assessing consumers, categories, competitors, and capabilities

The German industry remains the major market for companies in the European Fluid Biopsy 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 Fluid Biopsy 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 Fluid Biopsy 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 Fluid Biopsy in Asia Pacific. In particular, China, India, and South East Asian Fluid Biopsy 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 Fluid Biopsy 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 Fluid Biopsy 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 Fluid Biopsy market potential. Fueled by increasing healthcare expenditure of individuals, growing population, and high prevalence across a few markets drives the demand for Fluid Biopsy.

Fluid Biopsy Market Company Profiles

The global Fluid Biopsy 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 Bio-Rad Laboratories Inc, Diagnologix LLC, Exosome Sciences Inc, GRAIL Inc, Guardant Health Inc, Horizon Discovery Group plc, Illumina Inc, Inivata Ltd, Lucence Diagnostics Pte Ltd, LungLife AI Inc, Predicine Inc, QIAGEN N.V.

Recent Fluid Biopsy Market Developments

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

Fluid Biopsy 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 Indication

Lung Cancer

Breast Cancer

Colorectal

Others

By Type

Circulating Tumor Cells

Circulating Tumor DNA

Cell-free DNA

Geographical Segmentation:

North America (3 markets)

Europe (6 markets)

Asia Pacific (6 markets)

Latin America (3 markets)

Middle East Africa (5 markets)

## Companies

Bio-Rad Laboratories Inc

Diagnologix LLC

Exosome Sciences Inc

GRAIL Inc

Guardant Health Inc

Horizon Discovery Group plc

Illumina Inc

Inivata Ltd

Lucence Diagnostics Pte Ltd

LungLife AI Inc

Predicine Inc

QIAGEN N.V.

Formats Available: Excel, PDF, and PPT

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Others

By Type

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