

Biomarker Discovery Outsourcing Services Market Size, Share & Trends Analysis Report By Biomarker Type (Predictive, Safety), By Therapeutic Area (Oncology, Neurology), By Phase, By End Use, By Region, And Segment Forecasts, 2025 - 2030

<https://marketpublishers.com/r/B682574EE878EN.html>

Date: February 2025

Pages: 150

Price: US\$ 5,950.00 (Single User License)

ID: B682574EE878EN

Abstracts

This report can be delivered to the clients within 3 Business Days

Biomarker Discovery Outsourcing Services Market Growth & Trends

The global biomarker discovery outsourcing services market size is expected to reach USD 41.27 billion by 2030, growing at a CAGR of 19.4% from 2025 to 2030, according to a new report by Grand View Research, Inc. The expansion of outsourced biomarker research, attributed to the increased utilization of biomarkers in clinical trials and the accelerating level of outsourcing undertaken by pharmaceutical firms are key growth factors for this market.

Furthermore, increasing adoption of liquid biopsies is expected to drive the market growth. Liquid biopsies, which involve the analysis of biomarkers in bodily fluids like blood, urine, and cerebrospinal fluid, offer several advantages over traditional tissue biopsies, such as being less invasive and providing real-time information. As a result, the adoption of liquid biopsies has been growing rapidly, and this trend directly impacts the demand for biomarker discovery outsourcing services.

Advancements in omics technologies are expected to drive market growth in the coming years. Progress in genomics, proteomics, metabolomics, and other omics technologies has enabled the identification of novel biomarkers. Integrating data from many omics disciplines can often be advantageous for biomarker identification. This all-encompassing approach enables a more thorough comprehension of complex disorders and can result in identifying reliable, multidimensional biomarkers. Outsourcing services specializing in multi-omics data integration offer valuable expertise in this area.

An increase in drug development and clinical trials is a major contributing factor to the market growth. Biomarkers play a crucial role in drug development, helping pharmaceutical companies identify suitable drug targets, streamline clinical trial processes, and select patient populations for trials. As of 2023, the global clinical trial landscape boasts 452,604 registered trials on ClinicalTrials.gov, with 64,838 actively enrolling participants. This reflects a notable surge compared to the roughly 365,000 registered trials documented in early 2021, underscoring the robust and ongoing growth within the field of clinical research.

Biomarker Discovery Outsourcing Services Market Report Highlights

Based on biomarker type, the surrogate endpoints segment accounted for the largest revenue share of 54.88% in 2024.

Based on therapeutic areas, the market includes oncology, neurology, cardiology, autoimmune diseases, and others.

Based on the discovery phase, in 2024, the biomarker identification segment accounted for the largest revenue share in the market.

Based on end use, the market is segmented into pharmaceutical companies, biotechnology companies, and others.

The biomarker discovery outsourcing services industry in North America accounted for the largest market share of 43.96% in 2024.

Contents

CHAPTER 1. RESEARCH METHODOLOGY AND SCOPE

- 1.1. Market Segmentation & Scope
 - 1.1.1. Regional Scope
 - 1.1.2. Estimates and Forecast Timeline
- 1.2. Market Definitions
- 1.3. Research Methodology
- 1.4. Information Procurement
 - 1.4.1. Purchased Database
 - 1.4.2. GVR's Internal Database
 - 1.4.3. Secondary Sources
 - 1.4.4. Primary Research
- 1.5. Information Or Data Analysis
 - 1.5.1. Data Analysis Models
- 1.6. Market Formulation & Validation
- 1.7. Model Details
 - 1.7.1. Commodity Flow Analysis
 - 1.7.2. Parent Market Analysis
- 1.8. List Of Secondary Sources
- 1.9. List Of Abbreviations
- 1.10. Objectives

CHAPTER 2. EXECUTIVE SUMMARY

- 2.1. Market Outlook
- 2.2. Segment Snapshot
- 2.3. Competitive Landscape Snapshot

CHAPTER 3. BIOMARKER DISCOVERY OUTSOURCING SERVICES MARKET VARIABLES, TRENDS & SCOPE

- 3.1. Market Lineage Outlook
 - 3.1.1. Parent Market Outlook
 - 3.1.2. Related/Ancillary Market Outlook
- 3.2. Market Dynamics
 - 3.2.1. Market Driver Analysis
 - 3.2.1.1. Growing Demand for Biomarkers in Drug Development

- 3.2.1.2. Expanding R&D Investment in Biopharmaceuticals
- 3.2.1.3. Rising Prevalence of Chronic and Infectious Diseases
- 3.2.1.4. Increasing focus on personalized medicine and targeted therapies
- 3.2.1.5. Advancements in Omics Technologies
- 3.2.1.6. Increasing Role of CROs and CDMOs Owing to Cost and Time Efficiency
- 3.2.2. Market Restraint Analysis
 - 3.2.2.1. Limited Reproducibility & Validation Challenges
 - 3.2.2.2. High Cost of Biomarker Discovery & Validation
 - 3.2.2.3. Data Privacy & Security Concerns
- 3.3. Technology Landscape
 - 3.3.1. Integration of AI and Big Data in Biomarker Research
 - 3.3.2. Omics Technologies
 - 3.3.3. Role of Bioinformatics & Cloud Computing
- 3.4. Pricing Model Analysis
- 3.5. Value Chain Analysis
- 3.6. Market Analysis Tools
 - 3.6.1. Porter's Five Forces Analysis
 - 3.6.2. PESTEL by SWOT Analysis
 - 3.6.3. COVID-19 Impact Analysis

CHAPTER 4. BIOMARKER DISCOVERY OUTSOURCING SERVICES MARKET: BIOMARKER TYPE ESTIMATES & TREND ANALYSIS

- 4.1. Biomarker Discovery Outsourcing Services Market, By Biomarker Type: Segment Dashboard
- 4.2. Biomarker Discovery Outsourcing Services Market, By Biomarker Type: Movement Analysis
- 4.3. Biomarker Discovery Outsourcing Services Market Estimates & Forecasts, By Biomarker Type, 2018 - 2030 (USD Million)
- 4.4. Predictive Biomarkers
 - 4.4.1. Predictive Biomarkers Market Estimates and Forecasts, 2018 - 2030 (USD Million)
- 4.5. Prognostic Biomarkers
 - 4.5.1. Prognostic Biomarkers Market Estimates and Forecasts, 2018 - 2030 (USD Million)
- 4.6. Safety Biomarkers
 - 4.6.1. Safety Biomarkers Market Estimates and Forecasts, 2018 - 2030 (USD Million)
- 4.7. Surrogate Endpoints
 - 4.7.1. Surrogate Endpoints Market Estimates and Forecasts, 2018 - 2030 (USD Million)

Million)

CHAPTER 5. BIOMARKER DISCOVERY OUTSOURCING SERVICES MARKET: THERAPEUTIC AREA ESTIMATES & TREND ANALYSIS

5.1. Biomarker Discovery Outsourcing Services Market, By Therapeutic Area: Segment Dashboard

5.2. Biomarker Discovery Outsourcing Services Market, By Therapeutic Area: Movement Analysis

5.3. Biomarker Discovery Outsourcing Services Market Estimates & Forecasts, By Therapeutic Area, 2018 - 2030 (USD Million)

5.4. Oncology

5.4.1. Oncology Market Estimates and Forecasts, 2018 - 2030 (USD Million)

5.5. Neurology

5.5.1. Neurology Market Estimates and Forecasts, 2018 - 2030 (USD Million)

5.6. Cardiology

5.6.1. Cardiology Market Estimates and Forecasts, 2018 - 2030 (USD Million)

5.7. Autoimmune Diseases

5.7.1. Autoimmune Diseases Market Estimates and Forecasts, 2018 - 2030 (USD Million)

5.8. Other Therapeutic Area

5.8.1. Other Therapeutic Area Market Estimates and Forecasts, 2018 - 2030 (USD Million)

CHAPTER 6. BIOMARKER DISCOVERY OUTSOURCING SERVICES MARKET: DISCOVERY PHASE ESTIMATES & TREND ANALYSIS

6.1. Biomarker Discovery Outsourcing Services Market, By Discovery Phase: Segment Dashboard

6.2. Biomarker Discovery Outsourcing Services Market, By Discovery Phase: Movement Analysis

6.3. Biomarker Discovery Outsourcing Services Market Estimates & Forecasts, By Discovery Phase, 2018 - 2030 (USD Million)

6.4. Biomarker Identification

6.4.1. Biomarker Identification Market Estimates and Forecasts, 2018 - 2030 (USD Million)

6.5. Biomarker Validation

6.5.1. Biomarker Validation Market Estimates and Forecasts, 2018 - 2030 (USD Million)

6.6. Biomarker Profiling

6.6.1. Biomarker Profiling Market Estimates and Forecasts, 2018 - 2030 (USD Million)

6.7. Biomarker Panel Development

6.7.1. Biomarker Panel Development Market Estimates and Forecasts, 2018 - 2030 (USD Million)

6.8. Biomarker Selection

6.8.1. Biomarker Selection Market Estimates and Forecasts, 2018 - 2030 (USD Million)

CHAPTER 7. BIOMARKER DISCOVERY OUTSOURCING SERVICES MARKET: END USE ESTIMATES & TREND ANALYSIS

7.1. Biomarker Discovery Outsourcing Services Market, By End Use: Segment Dashboard

7.2. Biomarker Discovery Outsourcing Services Market, By End Use: Movement Analysis

7.3. Biomarker Discovery Outsourcing Services Market Estimates & Forecasts, By End Use, 2018 - 2030 (USD Million)

7.4. Pharmaceutical Companies

7.4.1. Pharmaceutical Companies Market Estimates and Forecasts, 2018 - 2030 (USD Million)

7.5. Biotechnology Companies

7.5.1. Biotechnology Companies Market Estimates and Forecasts, 2018 - 2030 (USD Million)

7.6. Others

7.6.1. Others Market Estimates and Forecasts, 2018 - 2030 (USD Million)

CHAPTER 8. BIOMARKER DISCOVERY OUTSOURCING SERVICES MARKET: REGIONAL ESTIMATES & TREND ANALYSIS

8.1. Regional Market Share Analysis, 2024 & 2030

8.2. Regional Market Dashboard

8.3. Global Regional Market Snapshot

8.4. North America

8.4.1. North America Market Estimates and Forecasts, 2018 - 2030 (Revenue, USD Million)

8.4.2. U.S.

8.4.2.1. Key Country Dynamics

8.4.2.2. Competitive Scenario

8.4.2.3. Regulatory Framework

- 8.4.2.4. U.S. Market Estimates and Forecasts, 2018 - 2030 (USD Million)
- 8.4.3. Canada
 - 8.4.3.1. Key Country Dynamics
 - 8.4.3.2. Competitive Scenario
 - 8.4.3.3. Regulatory Framework
 - 8.4.3.4. Canada Market Estimates and Forecasts, 2018 - 2030 (USD Million)
- 8.4.4. Mexico
 - 8.4.4.1. Key Country Dynamics
 - 8.4.4.2. Competitive Scenario
 - 8.4.4.3. Regulatory Framework
 - 8.4.4.4. Mexico Market Estimates and Forecasts, 2018 - 2030 (USD Million)
- 8.5. Europe
 - 8.5.1. Europe Market Estimates and Forecasts, 2018 - 2030 (Revenue, USD Million)
 - 8.5.2. UK
 - 8.5.2.1. Key Country Dynamics
 - 8.5.2.2. Competitive Scenario
 - 8.5.2.3. Regulatory Framework
 - 8.5.2.4. UK Market Estimates and Forecasts, 2018 - 2030 (USD Million)
 - 8.5.3. Germany
 - 8.5.3.1. Key Country Dynamics
 - 8.5.3.2. Competitive Scenario
 - 8.5.3.3. Regulatory Framework
 - 8.5.3.4. Germany Market Estimates and Forecasts, 2018 - 2030 (USD Million)
 - 8.5.4. France
 - 8.5.4.1. Key Country Dynamics
 - 8.5.4.2. Competitive Scenario
 - 8.5.4.3. Regulatory Framework
 - 8.5.4.4. France Market Estimates and Forecasts, 2018 - 2030 (USD Million)
 - 8.5.5. Italy
 - 8.5.5.1. Key Country Dynamics
 - 8.5.5.2. Competitive Scenario
 - 8.5.5.3. Regulatory Framework
 - 8.5.5.4. Italy Market Estimates and Forecasts, 2018 - 2030 (USD Million)
 - 8.5.6. Spain
 - 8.5.6.1. Key Country Dynamics
 - 8.5.6.2. Competitive Scenario
 - 8.5.6.3. Regulatory Framework
 - 8.5.6.4. Spain Market Estimates and Forecasts, 2018 - 2030 (USD Million)
 - 8.5.7. Sweden

- 8.5.7.1. Key Country Dynamics
- 8.5.7.2. Competitive Scenario
- 8.5.7.3. Regulatory Framework
- 8.5.7.4. Sweden Market Estimates and Forecasts, 2018 - 2030 (USD Million)
- 8.5.8. Denmark
 - 8.5.8.1. Key Country Dynamics
 - 8.5.8.2. Competitive Scenario
 - 8.5.8.3. Regulatory Framework
 - 8.5.8.4. Denmark Market Estimates and Forecasts, 2018 - 2030 (USD Million)
- 8.5.9. Norway
 - 8.5.9.1. Key Country Dynamics
 - 8.5.9.2. Competitive Scenario
 - 8.5.9.3. Regulatory Framework
 - 8.5.9.4. Norway Market Estimates and Forecasts, 2018 - 2030 (USD Million)
- 8.6. Asia Pacific
 - 8.6.1. Asia Pacific Market Estimates and Forecasts, 2018 - 2030 (Revenue, USD Million)
 - 8.6.2. Japan
 - 8.6.2.1. Key Country Dynamics
 - 8.6.2.2. Competitive Scenario
 - 8.6.2.3. Regulatory Framework
 - 8.6.2.4. Japan Market Estimates and Forecasts, 2018 - 2030 (USD Million)
 - 8.6.3. China
 - 8.6.3.1. Key Country Dynamics
 - 8.6.3.2. Competitive Scenario
 - 8.6.3.3. Regulatory Framework
 - 8.6.3.4. China Market Estimates and Forecasts, 2018 - 2030 (USD Million)
 - 8.6.4. India
 - 8.6.4.1. Key Country Dynamics
 - 8.6.4.2. Competitive Scenario
 - 8.6.4.3. Regulatory Framework
 - 8.6.4.4. India Market Estimates and Forecasts, 2018 - 2030 (USD Million)
 - 8.6.5. Thailand
 - 8.6.5.1. Key Country Dynamics
 - 8.6.5.2. Competitive Scenario
 - 8.6.5.3. Regulatory Framework
 - 8.6.5.4. Thailand Market Estimates and Forecasts, 2018 - 2030 (USD Million)
 - 8.6.6. South Korea
 - 8.6.6.1. Key Country Dynamics

- 8.6.6.2. Competitive Scenario
- 8.6.6.3. Regulatory Framework
- 8.6.6.4. South Korea Market Estimates and Forecasts, 2018 - 2030 (USD Million)
- 8.6.7. Australia
 - 8.6.7.1. Key Country Dynamics
 - 8.6.7.2. Competitive Scenario
 - 8.6.7.3. Regulatory Framework
 - 8.6.7.4. Australia Market Estimates and Forecasts, 2018 - 2030 (USD Million)
- 8.7. Latin America
 - 8.7.1. Latin America Market Estimates and Forecasts, 2018 - 2030 (Revenue, USD Million)
 - 8.7.2. Brazil
 - 8.7.2.1. Key Country Dynamics
 - 8.7.2.2. Competitive Scenario
 - 8.7.2.3. Regulatory Framework
 - 8.7.2.4. Brazil Market Estimates and Forecasts, 2018 - 2030 (USD Million)
 - 8.7.3. Argentina
 - 8.7.3.1. Key Country Dynamics
 - 8.7.3.2. Competitive Scenario
 - 8.7.3.3. Regulatory Framework
 - 8.7.3.4. Argentina Market Estimates and Forecasts, 2018 - 2030 (USD Million)
- 8.8. MEA
 - 8.8.1. MEA Market Estimates and Forecasts, 2018 - 2030 (Revenue, USD Million)
 - 8.8.2. South Africa
 - 8.8.2.1. Key Country Dynamics
 - 8.8.2.2. Competitive Scenario
 - 8.8.2.3. Regulatory Framework
 - 8.8.2.4. South Africa Market Estimates and Forecasts, 2018 - 2030 (USD Million)
 - 8.8.3. Saudi Arabia
 - 8.8.3.1. Key Country Dynamics
 - 8.8.3.2. Competitive Scenario
 - 8.8.3.3. Regulatory Framework
 - 8.8.3.4. Saudi Arabia Market Estimates and Forecasts, 2018 - 2030 (USD Million)
 - 8.8.4. UAE
 - 8.8.4.1. Key Country Dynamics
 - 8.8.4.2. Competitive Scenario
 - 8.8.4.3. Regulatory Framework
 - 8.8.4.4. UAE Market Estimates and Forecasts, 2018 - 2030 (USD Million)
 - 8.8.5. Kuwait

- 8.8.5.1. Key Country Dynamics
- 8.8.5.2. Competitive Scenario
- 8.8.5.3. Regulatory Framework
- 8.8.5.4. Kuwait Market Estimates and Forecasts, 2018 - 2030 (USD Million)

CHAPTER 9. COMPETITIVE LANDSCAPE

- 9.1. Market Participant Categorization
 - 9.1.1. Market Leaders
 - 9.1.2. Emerging Players
- 9.2. Company Market Share/Assessment Analysis, 2024
- 9.3. Company Profiles
 - 9.3.1. Laboratory Corporation of America Holdings
 - 9.3.1.1. Company Overview
 - 9.3.1.2. Financial Performance
 - 9.3.1.3. Service Benchmarking
 - 9.3.1.4. Strategic Initiatives
 - 9.3.2. Charles River Laboratories
 - 9.3.2.1. Company Overview
 - 9.3.2.2. Financial Performance
 - 9.3.2.3. Service Benchmarking
 - 9.3.2.4. Strategic Initiatives
 - 9.3.3. Eurofins Scientific
 - 9.3.3.1. Company Overview
 - 9.3.3.2. Financial Performance
 - 9.3.3.3. Service Benchmarking
 - 9.3.3.4. Strategic Initiatives
 - 9.3.4. Celerion
 - 9.3.4.1. Company Overview
 - 9.3.4.2. Financial Performance
 - 9.3.4.3. Service Benchmarking
 - 9.3.4.4. Strategic Initiatives
 - 9.3.5. ICON plc.
 - 9.3.5.1. Company Overview
 - 9.3.5.2. Financial Performance
 - 9.3.5.3. Service Benchmarking
 - 9.3.5.4. Strategic Initiatives
 - 9.3.6. Parexel International (MA) Corporation
 - 9.3.6.1. Company Overview

- 9.3.6.2. Financial Performance
- 9.3.6.3. Service Benchmarking
- 9.3.6.4. Strategic Initiatives
- 9.3.7. Proteome Sciences
 - 9.3.7.1. Company Overview
 - 9.3.7.2. Financial Performance
 - 9.3.7.3. Service Benchmarking
 - 9.3.7.4. Strategic Initiatives
- 9.3.8. GHO Capital
 - 9.3.8.1. Company Overview
 - 9.3.8.2. Financial Performance
 - 9.3.8.3. Service Benchmarking
 - 9.3.8.4. Strategic Initiatives
- 9.3.9. Thermo Fisher Scientific Inc.
 - 9.3.9.1. Company Overview
 - 9.3.9.2. Financial Performance
 - 9.3.9.3. Service Benchmarking
 - 9.3.9.4. Strategic Initiatives
- 9.3.10. Evotec
 - 9.3.10.1. Company Overview
 - 9.3.10.2. Financial Performance
 - 9.3.10.3. Service Benchmarking
 - 9.3.10.4. Strategic Initiatives

I would like to order

Product name: Biomarker Discovery Outsourcing Services Market Size, Share & Trends Analysis Report By Biomarker Type (Predictive, Safety), By Therapeutic Area (Oncology, Neurology), By Phase, By End Use, By Region, And Segment Forecasts, 2025 - 2030

Product link: <https://marketpublishers.com/r/B682574EE878EN.html>

Price: US\$ 5,950.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/B682574EE878EN.html>