

# **Global Metabolomics Market Size study, By Product (Metabolomics Instruments {Separation Techniques, Detection Techniques}, Metabolomics Bioinformatics Tools & Services), By Application (Biomarker Discovery, Drug Discovery, Toxicology Testing, Nutrigenomics, Functional Genomics, Personalized Medicine, Other), By Indication (Cancer, Cardiovascular Disorders, Neurological Disorders, Metabolic Disorders, Inborn Errors Of Metabolism, Other), By End-Use (Academic And Research Institutes, Pharmaceutical & Biotechnology Companies, Contract Research Organizations, Other), and Regional Forecasts 2022-2028**

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## **Abstracts**

Global Metabolomics Market is valued approximately USD 1.9 billion in 2021 and is anticipated to grow with a healthy growth rate of more than 13.4% over the forecast period 2022-2028.

Metabolomics is a scientific study of chemical procedures that includes the small molecule substrates, intermediates and products of cell metabolism, and metabolites such as chromatography, spectroscopy, and multivariate. Metabolites are associated with the phenotype of an organism and utilizes in various applications like phenotyping of genetically modified plants, substantial equivalence testing, biotic-abiotic stress reaction analysis, and identification of gene function. Additionally, it also allows

scientists and researchers to evaluate biological impacts and perceive the adverse reaction of drugs on an organism. The increasing availability of private and government funding for metabolomics research, and growing expenditure on pharmaceutical and biotech R&D activities are the primary factors for the market growth across the globe. The rising demand for personalized medicine, coupled with the increasing number of strategic movements such as mergers & acquisitions, by the leading market players are further surging the global market demand in the approaching years. For instance, in July 2021, the University of California, Davis (UC Davis), and Thermo Fisher Scientific, Inc. introduced the Center of Excellence in Clinical Metabolomics- a research associate to offer best practices, innovations, and standard operating measures to the metabolomics community. However, the complexity and diversity of biological samples and the high cost of tools and instruments impede the growth of the market over the forecast period of 2022-2028. Also, biomarker development and lucrative opportunities for market growth in emerging markets are anticipated to act as a catalyzing factor for the market demand during the forecast period.

The key regions considered for the global Metabolomics Market study include Asia Pacific, North America, Europe, Latin America, and the Rest of the World. North America is the leading region across the world in terms of market share owing to the growing preclinical activities by CROs and pharmaceutical companies, tied with the increasing biomedical research. Whereas, Asia-Pacific is anticipated to exhibit the highest CAGR over the forecast period 2022-2028. Factors such as growing demand for improved pharmaceutical products, as well as the growth of the emerging economies, would create lucrative growth prospects for the Metabolomics Market across the Asia-Pacific region.

Major market players included in this report are:

Waters Corporation

Agilent Technologies

Shimadzu Corporation

Thermo Fisher Scientific

Danaher Corporation

Bruker Corporation

PerkinElmer

Merck KGaA

GE Healthcare

Hitachi High-Technologies Corporation

The objective of the study is to define market sizes of different segments & countries in recent years and to forecast the values to the coming eight years. The report is designed to incorporate both qualitative and quantitative aspects of the industry within each of the regions and countries involved in the study. Furthermore, the report also caters the detailed information about the crucial aspects such as driving factors & challenges which will define the future growth of the market. Additionally, the report shall also incorporate available opportunities in micro markets for stakeholders to invest along with the detailed analysis of competitive landscape and product offerings of key players. The detailed segments and sub-segment of the market are explained below:

**By Product:**

Metabolomics Instruments

Separation Techniques

Detection Techniques

Metabolomics Bioinformatics Tools & Services

**By Application:**

Biomarker discovery

Drug discovery

Toxicology testing

Nutrigenomics

Functional Genomics

Personalized medicine

Other

**By Indication:**

Cancer

Cardiovascular Disorders

Neurological Disorders

Metabolic Disorders

Inborn Errors of Metabolism

Other

**By End-Use:**

Academic and Research Institutes

Pharmaceutical & Biotechnology Companies

Contract Research Organizations

Other

**By Region:**

North America

U.S.

Canada

Europe

UK  
Germany  
France  
Spain  
Italy  
ROE

Asia Pacific  
China  
India  
Japan  
Australia  
South Korea  
RoAPAC  
Latin America  
Brazil  
Mexico  
Rest of the World

Furthermore, years considered for the study are as follows:

Historical year – 2018, 2019, 2020  
Base year – 2021  
Forecast period – 2022 to 2028

Target Audience of the Global Metabolomics Market in Market Study:

Key Consulting Companies & Advisors  
Large, medium-sized, and small enterprises  
Venture capitalists  
Value-Added Resellers (VARs)  
Third-party knowledge providers  
Investment bankers  
Investors



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