

# **Global Metabolism Assays Market Size study & Forecast, by Product (Instruments & Analyzers, Assay Kits & Reagents), by Technology (Colorimetry, Fluorimetry, Spectrometry), by Application (Diagnostics, Research), by End User (Hospitals, Diagnostics Laboratories, Pharmaceutical & Biotechnology Companies and CROs & Academic Research Institutes) and Regional Analysis, 2023-2030**

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## **Abstracts**

Global Metabolism Assays Market is valued at approximately USD XX billion in 2022 and is anticipated to grow with a healthy growth rate of more than XX% during the forecast period 2023-2030. Metabolism assays are experimental techniques used to measure and analyze various aspects of cellular metabolism. Cellular metabolism refers to the set of chemical reactions that occur within a cell to maintain life. These reactions involve the conversion of nutrients into energy, the synthesis of biomolecules, and the elimination of waste products. Metabolism assays play a crucial role in understanding these processes and are widely used in biological and medical research. The key factors driving the market growth are the rising incidence of metabolic disorders, growing drug discovery and development, and rising awareness and focus on personalized medicine that is anticipated to support the market growth.

Additionally, the rising demand for personalized medicine plays a significant role in supporting the growth of the Metabolism Assays Market. The Metabolism assays provide insights into an individual's metabolic profile, helping healthcare professionals develop personalized treatment plans. Understanding how a patient metabolizes drugs and nutrients allows for more precise dosing and selection of therapies that are likely to

be most effective for that specific individual. Thus, the rising demand for the Metabolism assays is anticipated to support the market growth. According to Statista, in 2019, the personalized medicine market was valued at USD 1980 billion and it is anticipated to reach USD 2770 billion in 2022. Moreover, the cohesive government initiatives and rising geriatric population are anticipated to create a lucrative opportunity for the market. However, the stringent approval criteria for immunoassay instruments and consumables stifle market growth throughout the forecast period of 2023-2030.

The key regions considered for the Global Metabolism Assays Market study includes Asia Pacific, North America, Europe, Latin America, and Middle East & Africa. North America dominated the market in 2022 owing to the growing prevalence of chronic diseases, the rise in aging population, and ongoing advancements in immunoassay technologies, such as enhanced sensitivity, specificity, and multiplexing capabilities, which have driven adoption in research and clinical diagnostics, contributing to market growth. Whereas, the Asia Pacific is expected to grow with the highest CAGR over the forecast period, owing to factors such as the increasing incidence of chronic diseases, rising healthcare expenditure, increasing awareness and screening programs, and strategic collaborations and partnerships.

Major market player included in this report are:

Thermo Fisher Scientific Inc.

Merck KGaA

Abcam Plc.

Agilent Technologies Inc.

Kaneka Eurogentec S.A.

Sartorius Ag

Promega Corporation

Elabscience Biotechnology Inc.

Raybiotech Life, Inc.

## BMG Labtech

### Recent Developments in the Market:

In November 2022, at MEDICA 2022, Getein introduced the MAGICL 6000 CLIA analyzer, a cutting-edge and compact solution ideal for mid to high-workflow laboratories seeking a streamlined, one-step CLIA solution.

### Global Metabolism Assays Market Report Scope:

Historical Data – 2020 - 2021

Base Year for Estimation – 2022

Forecast period - 2023-2030

Report Coverage - Revenue forecast, Company Ranking, Competitive Landscape, Growth factors, and Trends

Segments Covered – Product, Technology, Application, End User, Region

Regional Scope - North America; Europe; Asia Pacific; Latin America; Middle East & Africa

Customization Scope - Free report customization (equivalent up to 8 analyst's working hours) with purchase. Addition or alteration to country, regional & segment scope\*

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 years. The report is designed to incorporate both qualitative and quantitative aspects of the industry within countries involved in the study.

The report also caters detailed information about the crucial aspects such as driving factors & challenges which will define the future growth of the market. Additionally, it also incorporates potential 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:

Instruments & Analyzers

Assay Kits & Reagents

By Technology:

Colorimetry

Fluorimetry

Spectrometry

By Application:

Diagnostics

Research

By End User:

Hospitals

Diagnostics Laboratories

Pharmaceutical & Biotechnology Companies and CROs & Academic Research  
Institutes

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

Middle East & Africa

Saudi Arabia

South Africa

Rest of Middle East & Africa

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