

# **Proteomics Market Size, Share, and Analysis, By Product (Instrumentation Technologies, Reagents & Consumables, and Software & Services), By Application (Clinical Diagnostics, Drug Discovery & Development, and Others), By End User (Pharmaceutical & Biotechnology Companies, Research & Clinical Laboratories, Hospitals, and Others), By Region (North America, Europe, Asia-Pacific, and Rest of the World), And Regional Forecast 2024-2034**

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## **Abstracts**

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## **PRODUCT OVERVIEW**

Proteomics Market is anticipated to exhibit a Compound Annual Growth Rate (CAGR) of 14.1% during the forecast span from 2024 to 2034. In 2023, the market size was assessed at USD 33.2 billion and is projected to reach USD 142.7 billion by the completion of 2034.

Proteomics is the broad study of proteins, including their functions and structures. Its goal is to comprehend an organism, along with tissue or the full protein complement of the cell under certain conditions. Proteomics uses mass spectrometry and chromatography techniques to identify and measure proteins and study their functions in numerous biological processes. Unlike genomics, which focuses on DNA, proteomics emphasizes on the dynamic aspects of biological operations as proteins are the major carriers of genetic instructions. Besides, this field is important for understanding the cause of disease and designing personalized therapeutics in medicine and biotechnology.

## MARKET HIGHLIGHTS

Proteomics Market is projected to reach USD 142.7 billion over the forecast period, due to technological innovations and its growing usage in drug discovery and personalized medicine. The growth is attributed to developments in high-resolution mass spectrometry and protein analysis tools, which improve the accuracy of protein characterization. In addition, the focus on understanding complex biological processes and the need for new treatment targets are also boosting market demand. Businesses are investing in creative solutions and combining proteomics with other omics technologies to provide a better understanding of biological systems. Thus, the proteomics market provides a variety of products and services such as reagents and software to meet different research and clinical requirements.

### Proteomics Market Segments:

#### By Product

Instrumentation Technologies

Reagents & Consumables

Software & Services

#### By Application

Clinical Diagnostics

Drug Discovery & Development

Others

By End User

Pharmaceutical & Biotechnology Companies

Research & Clinical Laboratories

Hospitals

Others

## MARKET DYNAMICS

Growth Drivers

Technological Expansions is Driving Growth in the Proteomics Market

Rising Demand for Personalized Medicine Act as a Catalyst for Market Growth

Restraint

High Initial Costs in the Market Will Impact the Growth

Key Players

Thermo Fisher Scientific

Agilent Technologies

Bio-Rad Laboratories

Bruker Corporation

AB Sciex

GE Healthcare

PerkinElmer

Waters Corporation

SABiosciences (Qiagen)

Cell Signaling Technology

Invitrogen

Proteome Sciences

Molecular Devices

Illumina

NanoString Technologies

Other Prominent Players (Company Overview, Business Strategy, Key Product Offerings, Financial Performance, Key Performance Indicators, Risk Analysis, Recent Development, Regional Presence, SWOT Analysis)

Global Laboratory Temperature Control Units Market is further segmented by region into:

North America Market Size, Share, Trends, Opportunities, Y-o-Y Growth, CAGR – United States and Canada

Latin America Market Size, Share, Trends, Opportunities, Y-o-Y Growth, CAGR – Mexico, Argentina, Brazil and Rest of Latin America

Europe Market Size, Share, Trends, Opportunities, Y-o-Y Growth, CAGR – United Kingdom, France, Germany, Italy, Spain, Belgium, Hungary, Luxembourg, Netherlands, Poland, NORDIC, Russia, Turkey and Rest of Europe

Asia Pacific Market Size, Share, Trends, Opportunities, Y-o-Y Growth, CAGR – India, China, South Korea, Japan, Malaysia, Indonesia, New Zealand, Australia

and Rest of APAC

Middle East and Africa Market Size, Share, Trends, Opportunities, Y-o-Y Growth, CAGR – North Africa, Israel, GCC, South Africa and Rest of MENA

### Reasons to Purchase this Report

Qualitative and quantitative analysis of the market based on segmentation involving both economic as well as non-economic factors

Provision of market value (USD Billion) data for each segment and sub-segment

Indicates the region and segment that is expected to witness the fastest growth as well as to dominate the market

Analysis by geography highlighting the consumption of the product/service in the region as well as indicating the factors that are affecting the market within each region

Competitive landscape which incorporates the market ranking of the major players, along with new service/product launches, partnerships, business expansions, and acquisitions in the past five years of companies profiled

Extensive company profiles comprising of company overview, company insights, product benchmarking, and SWOT analysis for the major market players

The current as well as the future market outlook of the industry with respect to recent developments which involve growth opportunities and drivers as well as challenges and restraints of both emerging as well as developed regions

Includes in-depth analysis of the market of various perspectives through Porter's five forces analysis

Provides insight into the market through Value Chain

Market dynamics scenario, along with growth opportunities of the market in the years to come

3-month post-sales analyst support.

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