

# Global Proteomics Market - Forecasts from 2018 to 2023

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## Abstracts

Global proteomics market is expected to grow at a CAGR of 12.92% over the forecast period of 2017-2023. Proteomics is the study of the protein components in an organism. Proteomics involve large scale study of proteins, their role, functions, properties and structure. In other words, proteomics is the entire dataset of the proteins produced by the living organism. However, proteome is not constant and differs from cell to cell and changes over time. Proteomics provide significant biological information for various problems such as proteins interacting with a particular protein of interest, proteins localised to the subcellular compartment and proteins involved in the various biological processes.

Advancements in technologies driving the market for proteomics

Various advancements in the technologies have led to the growth of the proteomics market during the given time-frame. These developments have included advances in mass spectrometry (MS) technology, protein fractionation techniques, bioinformatics, etc. Dual mass analyzers such as LC/MS, GC/MS, FT-MS, and MALDI-TOF/TOF help to provide more detailed information about protein structure. Advances in the technology have led thousands of proteins to be resolved in a single gel. Apart from technological advancements, rising investments in R&D and rising demand for personalised medicine will further boost the market for the proteomics. However, lack of the skilled workforce coupled with high instrument and training costs may restrain the market during the forecast period.

North America to hold major share in proteomics markets

Geographically, North America is estimated to hold the major share in the market owing to the rapid adoption of the advanced technologies. Moreover, sophisticated healthcare infrastructure coupled with the rising interest in the personalised medicines will also boost the market in the region during the given projected period. Asia Pacific is expected to be the fastest growing region. The growth is attributed rising government

funding for proteomics research in the region.

Market intelligence is presented in the form of analysis, charts, and graphics to help the clients in gaining faster and efficient understanding of the global proteomics market.

Major industry players profiled as part of the report are Proteomics International, Biognosys AG and Creative Proteomics (Division of Creative Dynamics Inc) among others.

## Segmentation

### By Technology

Microarrays

Spectroscopy

X-Ray Crystallography

Chromatography

Others

### By Reagents

Microarrays Reagents

Spectroscopy Reagents

X-Ray Crystallography Reagents

Chromatography Reagents

Other Reagents

### By Application

Discovery of Protein Biomarkers

Study of Tumor Metastasis

Neurotrauma and Neurology

Renal Disease Diagnosis

Fetal and Maternal Medicine

Others

### By Geography

North America

United States

Canada

Others

South America

Brazil

Argentina

Others

Europe

United Kingdom

Germany

France

Others

Middle East and Africa

Israel

UAE

Saudi Arabia

Others

Asia Pacific

China

India

Australia

South Korea

Others

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