

## **Proteomics - Market Share Analysis, Industry Trends & Statistics, Growth Forecasts 2019 - 2029**

Market Report | 2024-02-17 | 110 pages | Mordor Intelligence

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### **Report description:**

The Proteomics Market size is estimated at USD 27.60 billion in 2024, and is expected to reach USD 41.36 billion by 2029, growing at a CAGR of 8.42% during the forecast period (2024-2029).

Certain factors driving the market growth include rising demand for personalized medicine, increasing R&D expenditure and government funding for proteomics, and technological advancements.

These major drivers will continue to drive the biopharmaceutical industry's pursuit of blockbuster drugs and the recent technological advances in the studies of genes and proteins. Alliances are becoming increasingly important in this field because it is challenging for companies to find all the necessary expertise to cover all activities involved in proteomics. For example, many companies working with mass spectrometry and both the manufacturers and end-user labs are collaborating with protein chip-related companies. Increased demand for personalized medicines and increased R&D in proteomics are also driving factors for the market. However, the market is constrained by strict regulatory norms and the high cost of the instruments.

### **Proteomics Market Trends**

#### **Drug Discovery is Expected to Witness Healthy CAGR in Future**

The identification of potential new drugs for the treatment of disease has been considered one of the most promising developments in the study of human genes and proteins. This depends on genome and proteome information for the identification of proteins, associated with a disease, which can then be used as targets for new drugs by computer software. Preclinical stages in the process of drug discovery need a multitude of genetic and biochemical assays in order to characterize the effects of drug

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candidates on cellular systems as well as model organisms. Almost every large pharmaceutical company now has proteomics-oriented biotech or academic partner or has started its own proteomics division. The general applications of proteomics in the drug industry include identification of efficacy and of toxicity biomarkers from readily accessible biological fluids, target identification and validation, and investigations into mechanisms of drug action or toxicity.

North America dominates the Market and expected to do Same in the Forecast Period

In North America, antibody-drug conjugates and protein therapeutics play a significant role in the treatment and diagnosis of diseases. This is a continuously evolving field with extensive research on novel and innovative next-generation therapeutics. More than a hundred modified therapeutic proteins are approved for clinical use in the region. Hundreds of protein therapeutics are in clinical trials for the treatment of cancer, immune disorders, infections, age-related diseases, and many other conditions. Besides, research on proteomics is at the highest in countries like the United States.

#### Proteomics Industry Overview

The global proteomics market is highly competitive and consists of a number of major players. Companies like Agilent Technologies, Inc., Bio-Rad Laboratories, Inc., Bruker Corporation, Danaher Corporation, GE Healthcare, Merck KGaA, Promega Corporation, Thermo Fisher Scientific, Inc., and Waters Corporation, among others, hold the substantial share in the proteomics market.

Additional Benefits:

- The market estimate (ME) sheet in Excel format
- 3 months of analyst support

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