

Proteomics Market is Projected to Witness Huge Growth : To Attain USD 98.1 Billion by 2031, Report

Proteomics Market report provides a quantitative analysis of the market segments, current trends, estimations, and dynamics.

PORTLAND, OREGON, UNITED STATES, June 7, 2023 /EINPresswire.com/ -- Proteomics Market Size was valued at \$23,654.34 million in 2021, and is projected to reach \$98,051.83 million by 2031, growing at a CAGR of 15.2% from 2022 to 2031. Proteomics studies the interactions, functions,

compositions, and structures of proteins and their cellular activities. Proteomics provides a better understanding of the structure and function of the organism than genomics. It has the capacity to explain questions that were unsolved by genomics, as proteins are the functional unit of cells. It is estimated that there are almost one million human proteins, many of which contain some modifications such as post-translational modifications (PTMs). However, it is also estimated that the human genome codes for about 26000-31000 proteins for an average of three proteins, one gene can code for several protein products, whereas some genes code only for RNA. Even with improved genome analysis, computation alone is simply not enough to generate an accurate gene number.

Key players in the market :

Bruker Corporation, Merck KGaA, Thermo Fisher Scientific Inc., Li-Cor Inc, Bio-Rad Laboratories Inc, Waters Corporation, Danaher Corporation, Agilent Technologies Inc., Horiba Ltd., Perkin Elmer Inc

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The protein microarray segment generated the highest Proteomics Market Share in 2021, owing to high usage of this technology to track protein interactions in lesser time as compared to other technologies. Moreover, this method is labor-intensive and cost-effective. With the help of a



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protein array, comprehensive information about the DNA/RNA binding proteins can be made available. By reagents segment, immunoassays generated the highest revenue in 2021 in the proteomics market, as they are extensively utilized in primary screening in drug discovery and microarray technologies. On the basis of application, the drug discovery segment accounted for the majority share in 2021, owing to an increase in awareness about personalized medicines in both emerging and developed markets.

North America held the largest share of nearly 40.0% of the total market in 2021, due to an increase in the popularity and adoption of personalized medicines, increasing investment in the development of structure-based drug design, growing research in the field of omics, and favorable government funding & initiatives to develop novel therapeutics. Moreover, the availability of a large number of key players and the surge in R&D activities in this region are the factors supporting the Proteomics Market Growth.

However, Asia-Pacific is expected to grow at a CAGR of 18.0% from 2022 to 2031, owing to a rise in the prevalence of cancer and chronic diseases and the increase in the interest of researchers to utilize proteomics in disease diagnosis & treatment.

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- Which are the roadblock factors of this market?
- What are the new opportunities, by which market will grow in coming years?
- What are the trends of this market?
- Which are main factors responsible for new product launch?
- How big is the global & regional market in terms of revenue, sales and production?
- How far will the market grow in forecast period in terms of revenue, sales and production?
- Which region is dominating the global market and what are the market shares of each region in the overall market in 2023?
- How will each segment grow over the forecast period and how much revenue will these segments account for in 2030?
- Which region has more opportunities?

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