

Global Protein A Resin Market: Market Estimation, Dynamics, Regional Share, Trends, Competitor Analysis 2012-2016 and Forecast 2017-2023

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Abstracts

Global Protein A Resin Market:

Global Protein A resin market estimated to be valued US\$ XX Mn in 2017 and poised to grow at CAGR of XX% over 2017-2023. Market for Protein A resin is projected to reach US\$ XX Mn by 2023.

Protein A is a surface protein that originally found in cell wall of bacteria staphylococcus aureus. It has many applications in biopharmaceutical and biochemical industry especially in monoclonal antibodies purification. Protein A resin is a chromatographic medium that is used to analyse and separate the antibodies. Because of its ability to bind immunoglobulins protein A resin is also used in immunological research. Nowadays protein A resins produced mostly using recombinant DNA technology in Escherichia coli.

A wide range of applications in biopharmaceutical industry, increasing biological products pipeline, increasing use and development of newer technologies for drug purification are expected to drive the growth of protein A resins market over forecast period. Furthermore, advantages over conventional chromatographic separation of antibodies such as high selectivity, improved antibody yield along with ease in large and small scale antibody purification may further drive protein a resins market. However, high-cost of Protein A resin purification method in comparison with conventional chromatographic separation techniques hindering the protein A resin market growth. In addition, development of alternatives for protein A resins such as aqueous two phase separation, mixed mode chromatography and cation exchange may hamper the protein A resins market during forecast period.

Protein A resin market has been segmented on the basis of application, end user and matrix type

Based on matrix type, protein A resin market is segmented into

- Glass or Silica

- Agarose

- Organic Polymer

Based on application, protein A resin market is segmented into

- Antibody separation

- Immunoprecipitation

Based on end-user, protein A resin market is segmented into

- Biopharmaceutical industries

- Clinical Research Laboratories

- Academic Institutions

Companies in Protein A Resin market are investing in research and development to gain the competitive advantage. Geographic expansion, new product development and collaborations are major strategies adopted by the key market players. For instance, In February 2016, German life sciences company Atoll acquired by Repligen for \$22.5 Mn. This acquisition will expand Repligen's chromatography column business and further diversifying its business supply of protein A ligands. Similarly, in February 2016, Repligen Corporation has extended a long term supply agreement with GE Healthcare through 2019 for Protein A ligands manufacturing at its facility in Lund, Sweden. Furthermore, in 2011, Novasep, a leading supplier of manufacturing solutions to the life sciences industries, launched of AbSolute High Cap, a new generation Protein A media,

based on modified silica.

Geographically protein A resin market segmented into following regions viz. North America, Europe, Asia-Pacific, Latin America, and Middle East & Africa. North America dominates the market revenue share among the all regions due to technological advancements, well-established healthcare industry and favourable government policies. In addition, growth of monoclonal antibodies market in U.S. directly contributing to growth of effective antibody purifying techniques and related products & services. Protein A resin market is expected to grow at significant rate in Asia – Pacific region due to shifting the global interest for manufacturing in biopharmaceutical manufacturing capacities in emerging economies of the region like India and China. Europe's growth in monoclonal antibodies sales may drive the revenue growth of protein A resin market in the region.

Some of the players in protein A resin market are Novasep Holding SAS (Novasep) (U.S.), GE Healthcare (U.S.), Thermo Fisher Scientific Inc. (U.S.), E. Merck KG (Merck KGaA) (Germany), JSR Corporation (Japan), Tosoh Corporation (Japan), Repligen Corporation (U.S.), Expedeon Ltd. (U.S.), and GenScript (U.S.) to name a few.

In June 2017, Purolite, a chemical manufacturing company collaborated with ChromaTan Corporation to develop a novel protein A bead

REPORT OUTLINE:

The report provides granular level information about the market size, regional market share and forecast from 2017-2023

The report covers in-detail insights about the competitor's overview, key findings and their key strategies

The Report Outlines drivers, restraints, challenges, and trends that are currently faced by the industry

The report tracks recent innovations, key developments and startup's details that are working in the industry

The report provides plethora of information about market entry strategies, regulatory framework and reimbursement scenario

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