

Global Protein A Resin Market Size study, by Product (Agarose-based, Glass/Silica-based, Organic Polymer-based Protein A), by Type (Recombinant Protein A, Natural Protein A), by Application (Antibody Purification, Immunoprecipitation) by End User (Pharmaceutical & Biopharmaceutical Companies, Academic Research Institutes, Other End Users) and Regional Forecasts 2022-2028

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Abstracts

Global Protein A Resin Market is valued approximately USD 1.3 billion in 2021 and is anticipated to grow with a healthy growth rate of more than 11.4% over the forecast period 2022-2028. Protein A Resin is an affinity chromatography resin that has a high IgG binding capability. Protein A Resin can be used to purify monoclonal antibodies, polyclonal antibodies, and immunological complexes like IP and Co-IP. The recombinant protein A ligand is bound to 4% strongly cross-linked agarose. The growing demand for disposable pre-packed columns, increasing demand for therapeutic antibodies, and increasing pharmaceutical R&D spending are projected to fuel the growth of this market over the forecast period. The purification of monoclonal antibodies requires the use of chromatography (mAbs). The need for monoclonal antibodies has skyrocketed in oncology and several other therapeutic areas, including neurological, autoimmune, and inflammatory illnesses, over the last decade. As a result, practically all major pharmaceutical companies are focusing on therapeutic antibody research and development. Protein A affinity resins can be used to obtain high degrees of purification. This is because antibodies bind protein A ligands exclusively to the resins. During the forecast period, this is projected to enhance demand for protein A resins. A growing number of CMOs and CROs are providing services to pharmaceutical businesses all

around the world. During the projected period, this is expected to provide potential growth opportunities for protein A resin makers. Increasing government pressure to cut healthcare costs, combined with falling R&D efficiency, has forced core pharmaceutical firms to rely on contract production. Furthermore, increased generic medication demand in China and India is a major driver of CMO sales. However, the high cost of resins impedes market expansion over the projection period of 2022-2028.

The key regions considered for the Global Protein A Resin Market study includes Asia Pacific, North America, Europe, Latin America, and Rest of the World. North America is likely to dominate the worldwide protein A resin market, while Asia Pacific is expected to grow at the fastest rate during the forecast period. The increased R&D activity in this region can be linked to the region's rapid growth, since APAC has emerged as a prominent pharmaceutical and biopharmaceutical research hub. Given this, a number of major pharmaceutical and biopharmaceutical companies have established research facilities in the region. Local significant firms such as Ranbaxy, Dr. Reddy's, Cipla, Lupin, and Cadila are also actively participating in biosimilar and generic medicine research.

Major market player included in this report are:

GE Healthcare

Merck Millipore

Repligen Corporation

Thermo Fisher Scientific

Tosoh Bioscience

Purolite Corporation

Novasep Holding SAS

Agilent Technologies

GenScript Biotech Corporation

PerkinElmer

The objective of the study is to define market sizes of different segments & countries in recent years and to forecast the values to the coming eight years. The report is designed to incorporate both qualitative and quantitative aspects of the industry within each of the regions and countries involved in the study. Furthermore, the report also caters the detailed information about the crucial aspects such as driving factors & challenges which will define the future growth of the market. Additionally, the report shall also incorporate available opportunities in micro markets for stakeholders to invest along with the detailed analysis of competitive landscape and product offerings of key players. The detailed segments and sub-segment of the market are explained below:
By Product:

Agarose-based
Glass/Silica-based
Organic Polymer-based Protein A
By Type:
Recombinant Protein A
Natural Protein A
By Application:
Antibody Purification
Immunoprecipitation
By End User:
Pharmaceutical & Biopharmaceutical Companies
Academic Research Institutes
Other End Users
By Region:
North America
U.S.
Canada
Europe
UK
Germany
France
Spain
Italy
ROE

Asia Pacific
China
India
Japan
Australia
South Korea
RoAPAC
Latin America
Brazil
Mexico
Rest of the World

Furthermore, years considered for the study are as follows:

Historical year – 2018, 2019, 2020

Base year – 2021

Forecast period – 2022 to 2028

Target Audience of the Global Protein A Resin Market in Market Study:

Key Consulting Companies & Advisors

Large, medium-sized, and small enterprises

Venture capitalists

Value-Added Resellers (VARs)

Third-party knowledge providers

Investment bankers

Investors

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