

# **Global Cell Culture Protein Surface Coating Market Size study & Forecast, by Type (Self-coating, Precoating), by Protein Source (Animal-derived, Human-derived, Synthetic, Plant-derived) and Regional Analysis, 2022-2029**

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## **Abstracts**

Global Cell Culture Protein Surface Coating Market is valued at approximately USD 701.9 million in 2021 and is anticipated to grow with a healthy growth rate of more than 15.3% over the forecast period 2022-2029. Cell culture is a method of growing cells under controlled conditions commonly outside their natural environment. Cell culture protein surface coating is a procedure of surface coating of cell culture with protein that comprises coating the cell culture surface with protein components or extracellular matrix. This helps in enhancing the adhesion and proliferation of the cells in-vitro. The increasing demand for synthetic protein surface coating, rising focus on stem cell research, coupled with the development of the biotechnology industry are escalating the market demand across the globe.

According to the India Brand Equity Foundation (IBEF), in 2019, the Indian biotechnology industry was estimated to account for USD 63 billion, which is projected to reach USD 150 billion by 2025. Thereby, the thriving development of the biotechnology industry is exhibiting upsurging growth in the cell culture protein surface coating market. Moreover, growing investment in research and development activities, as well as rising preference for 3D cell cultures over 2D cell cultures are presenting various growth prospects, which are supporting the market expansion globally. However, high cost of cell culture protein surface coating products and disadvantages of animal-derived protein surface coating are hindering market growth throughout the forecast period of 2022-2029.

The key regions considered for the Global Cell Culture Protein Surface Coating Market study include Asia Pacific, North America, Europe, Latin America, and the Rest of the World. North America dominated the market in terms of revenue, owing to the rising focus on the development of the healthcare & research infrastructure, along with the increasing spending on drug discovery. Whereas, Asia Pacific is expected to grow with the highest growth rate during the forecast period. Factors such as growing investments in R&D activities, increasing geriatric population, as well as rising number of favorable government policies, are burgeoning the market growth in the forecasting years.

Major market players included in this report are:

Thermo Fisher Scientific

Corning, Inc.

Merck Millipore

Promega Corp.

Sartorius AG

Greiner Bio-One International GmbH

PerkinElmer, Inc.

BioVision, Inc.

Trevigen, Inc.

Viogene

Recent Developments in the Market:

In January 2022, Thermo Fisher Scientific announced the acquisition of PeproTech- a provider of bioscience reagents named recombinant proteins. The objective of this acquisition is to enhance Thermo Fisher Scientific products and provides customers substantial benefits with this integrated offering.

In October 2020, Merck KGaA entered into a collaborative agreement with D1Med- a biopharmaceutical company based in Shanghai. The company aims to develop its 3D cell culture technology across China and advance its drug delivery process.

Global Cell Culture Protein Surface Coating Market Report Scope:

Historical Data 2019-2020-2021

Base Year for Estimation 2021

Forecast period 2022-2029

Report Coverage Revenue forecast, Company Ranking, Competitive Landscape, Growth factors, and Trends

Segments Covered Type, Protein Source, Region

Regional Scope North America; Europe; Asia Pacific; Latin America; Rest of the World

Customization Scope Free report customization (equivalent up to 8 analyst's working

hours) with purchase. Addition or alteration to country, regional & segment scope\*

The objective of the study is to define the market sizes of different segments & countries in recent years and to forecast the values for the coming years. The report is designed to incorporate both qualitative and quantitative aspects of the industry within the countries involved in the study.

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, it also incorporates potential opportunities in micro markets for stakeholders to invest along with a detailed analysis of the competitive landscape and product offerings of key players. The detailed segments and sub-segment of the market are explained below:

By Type:

Self-coating

Precoating

By Protein Source:

Animal-derived

Human-derived

Synthetic

Plant-derived

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

ROLA

Rest of the World

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