

# **Cell Culture Protein Surface Coating Market, By Country (United States, Canada, India, China, Japan, United Kingdom), Company Profiles, Share, Trends, Analysis, Opportunities, Segmentation And Forecast 2015 – 2021**

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## **Abstracts**

The global market value of the global cell culture protein surface coating market is \$XX billion in the year 2015 and the size of the global cell culture protein surface coating market is expected to increase by \$XX billion by 2021, at a compound annual growth rate (CAGR) of 12% (2015-2021).

A cell culture protein surface coating is a procedure in which the cell culture surfaces are coated with proteins or extracellular matrix components to enhance the adhesion and proliferation of the cells in vitro. There are different types of available proteins: Human derived proteins, animal derived proteins, plant derived proteins and synthetic proteins. Proteins such as fibronectin, laminin, collagen, vitronectin, and osteopontin are used for cell culture protein surface coating. Protein surface coating enables in the growth of various types of cells such as endothelial, epithelial, fibroblasts, leukocytes, myoblasts, muscle cells, neurons and CHO cell lines. Although biochips have been developed and commercialized in mid eighties but the market has transformed in the starting of last decade. Global cell culture protein surface coating market has huge scope due to significant adoption of varied application of cell culture across all the geographies. Rise in the expenditure of stem cell research is also driving the global cell culture protein surface coating market. Technological advancement and innovation in global cell culture protein surface coating market has created huge scope for global players to enter the market. Growing preference for 3D cell cultures over 2D cell cultures is driving the global cell culture protein surface coating market. Funding from government and private players are expected to boost global cell culture protein surface

coating market. Global cell culture protein surface coating market by protein source such as plant source, animal source, human source, synthetic source and so on are widely adopted globally.

Additionally, global cell culture protein surface coating market by self-coating are also expected to grow fast due to significant adoption in type of coating. For example the adoption of global cell culture protein surface coating market by self coating, pre coating, multi-wall coating, petri dish, flask and slides are expected to increase. Due to rising research activities global cell culture protein surface coating market is expected to attract market players in the emerging economies. Presently the global cell culture protein surface coating market is undergoing rapid expansion due to increase in healthcare expenditure and preference 3D cell cultures over 2D cell cultures. Untapped APAC region has huge scope for global cell culture protein surface coating market. Various factors such as high cost of cell culture protein surface products may create hindrance in expansion of the market. Restrictions on use of animal source protein coating material against few cell culture cell is also affecting the market.

The key players in global cell culture protein surface coating market are Becton, Dickinson and Company, Corning, Greiner Bio-One International AG, Merck Millipore, SigmaAldrich, EMD Millipore, Sigma-Aldrich, Thermo Fisher Scientific, Abcam, BioLamina, CellSystems, BioMedTech Laboratories, Bio-Techne, Cedarlane Laboratories, Cell Guidance Systems, Cytoskeleton, Full Moon BioSystems and so on.

### **Companies profiled include**

1. Agilent technologies
2. Becton, Dickinson and Company
3. Corning
4. Greiner Bio-One International AG
5. Merck Millipore
6. SigmaAldrich
7. EMD Millipore
8. Sigma-Aldrich
9. Thermo Fisher Scientific
10. Abcam
11. BioLamina
12. CellSystems
13. BioMedTech Laboratories
14. Bio-Techne
15. Cedarlane Laboratories

16. Cell Guidance Systems
17. Cytoskeleton
18. Full Moon BioSystems
19. Greiner Bio-One
20. NeuVitro
21. Orla Protein Technologies
22. Pall
23. PerkinElmer
24. PROGEN Biotechnik
25. PromoCell
26. RayBiotech
27. Sartorius Stedim Biotech
28. SouthernBiotech
29. Trevigen
30. Viogene BioTek

**This Occams Research Report covers**

1. Historical data
2. Revenue forecasts, growth rates and CAGR up to 2021
3. Industry Analysis
4. Competitive Analysis
5. Key geographic growth data

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