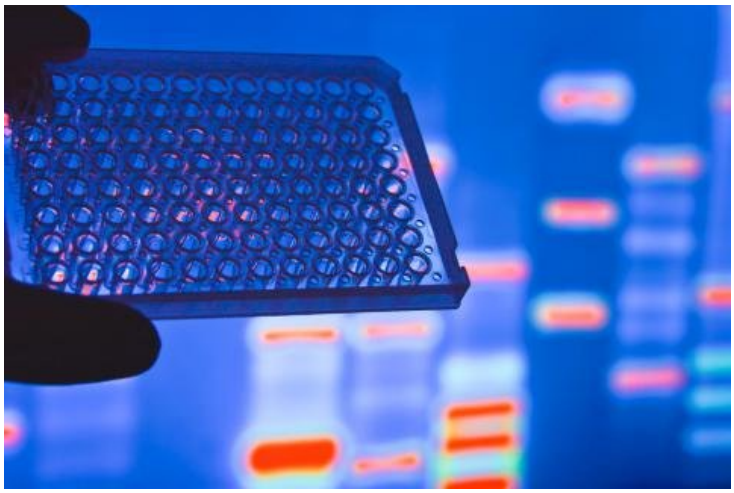
BioSpectrum
the business of Bio & Health Sciences
ASIA EDITION

PMR launches market analysis report on SDS PAGE Products

December 12, 2019 | News

Investments in Proteomic research centred around advanced SDS Poly Acrylamide Gel Electrophoresis Products, Says Persistence Market Research (PMR)



The global SDS polyacrylamide gel electrophoresis (PAGE) market is set to exhibit a promising 5% CAGR during the forecast period (2019 – 2029). Introduction of 2D and 3D electrophoresis techniques has increased the sensitivity and reproducibility of SDS polyacrylamide gel electrophoresis.

Besides, the recent evolution of automated electrophoresis using microfluidics technology has attained a high level of reliability, resolution, and accuracy. It has reduced hands-on time and offers results for any protein analysis. Consequently, the key market leaders around the globe are now focusing on continuous investments towards the development of advanced SDS polyacrylamide gel electrophoresis products.

Increasing research funding for drug development in the North America region is expected to provide lucrative opportunities. For instance, according to the report by the Council of Economic Advisers, in 2018, the U.S. funded approximately 50% of the world's medical research and development programs.

Key Takeaways - SDS Poly Acrylamide Gel Electrophoresis Market Study

- Market players are focusing on offering innovative products of SDS polyacrylamide gel electrophoresis to deliver better protein separation.

In September 2015, Cleaver Scientific introduced its new horizontal polyacrylamide gel electrophoresis (hPAGE) system in collaboration with the Kirkhouse Trust, which allows running a large number of samples simultaneously with greater resolution.

- Acquisitions and collaborations are the key strategies adopted by these leading manufacturers to develop technologically advanced products for proteomic research and enhance their product portfolio.

o For instance, in January 2013, Merck KGaA, a German multinational pharmaceutical, acquired Bangalore Genei (India) Pvt. Ltd. (BGIP), which specializes in new generation proteomic and genomic research technologies and cutting-edge study of proteins and organisms.

- North America holds a significant market share of 35% in 2019 owing to a paradigm shift towards drug discovery where a lot of research work is being carried out also at academic institutes besides clinical research organization.

Increased investment in life science products and an incessant demand for customized tools and reagents in proteomic research for drug discovery will significantly fuel demand for SDS polyacrylamide gel electrophoresis in the near future.

Competitive Analysis Reveals Buzz around Investments

The SDS polyacrylamide gel electrophoresis market report tracks the key market players operating in the global SDS polyacrylamide gel electrophoresis market, which include Bio-Rad Laboratories, Inc., Merck KGaA (Sigma Aldrich), General Electric Company (GE Healthcare), Thermo Fisher Scientific Inc., Lonza Group Ltd. and Analytik Jena AG (Endress+Hauser AG), Genscript Biotech Corporation, Abcam Plc., TAKARA BIO INC., and Cleaver Scientific Ltd.

Leading manufacturers of SDS polyacrylamide gel electrophoresis are focusing on strategic investment to enhance their product portfolio. In October 2019, Arranta Bio announces $82M funding and strategic venture with Thermo Fisher Scientific for the development and manufacturing of biopharmaceutical products.