

# **Global Protein Stability Analysis Market Size study, By Product (Reagents and Assay Kits, Instruments, Consumable and Accessories, Software), By Technique (Chromatography, Spectroscopy, Surface Plasma Resonance Imaging (SPRI), Differential Scanning Calorimetry (DSC), Differential Scanning Fluorimetry (DSF), Others), By End User (Pharmaceutical & Biotechnology Companies, Contract Research Organization, Academic & Research Institutes), and Regional Forecasts 2022-2028**

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## **Abstracts**

Global Protein Stability Analysis Market is valued approximately USD 1.60 Billion in 2021 and is anticipated to grow with a healthy growth rate of more than 10% over the forecast period 2022-2028.

The protein stability analysis is carried out for determining the stability of proteins in a sample. There are various methods and techniques available to determine protein stability. This analysis was performed by the pharmaceutical and biotechnological companies, research, and academic institutes for the development of the drug. The protein stability can be determined with the help of several techniques such as Surface Plasma Resonance (SPR), High-Performance Liquid Chromatography (HPLC), Spectroscopy, chromatography, Differential Scanning Calorimeter (DSC). The presence of favorable government initiatives for promoting drug safety programs, an increasing number of recombinant protein therapeutics, and expansion of outsourcing activities for

protein analysis are the factors that are fueling the market demand across the globe. Moreover, growing R&D expenditure for the development of the drug, coupled with the rising penetration of open innovation models in biotechnology & pharmaceutical companies, are further fostering market growth worldwide. For instance, according to the India Brand Equity Foundation, in 2018, the Indian government intends to invest USD 640 million to increase drug discovery research and develop pharmaceutical infrastructure. The initiative 'Pharma Vision 2020' of the Indian Government aimed for creating India as a chief hub for drug discovery. However, the high cost of protein stability analysis instruments and the shortage of skilled professionals hampers the growth of the market over the forecast period of 2022-2028. Also, increasing pharmaceutical outsourcing and the growth of the emerging economies are anticipated to act as a catalyzing factor for the market demand during the forecast period.

The key regions considered for the global Protein Stability Analysis market study include Asia Pacific, North America, Europe, Latin America, and the Rest of the World. North America is the leading region across the world in terms of market share owing to the increasing research activities for drug development and the rising initiatives undertaken by several private and public sector organizations. Whereas, Asia-Pacific is anticipated to exhibit the highest CAGR over the forecast period 2022-2028. Factors such as the growing number of clinical trials, as well as the development of the emerging economies like India and China would create lucrative growth prospects for the Protein Stability Analysis market across the Asia-Pacific region.

Major market players included in this report are:

PerkinElmer Inc.

Thermo Fisher Scientific, Inc.

Unchained Labs Company

Waters Corporation

Agilent Technologies, Inc.

Shimadzu Corporation

GE Healthcare Company

Malvern Panalytical Ltd (Spectris company)

Enzo Life Sciences, Inc.

Horiba, Ltd

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**

Reagents and Assay Kits

Instruments

Consumable and Accessories

Software

**By Technique**

Chromatography

Spectroscopy

Surface Plasma Resonance Imaging (SPRI)

Differential Scanning Calorimetry (DSC)

Differential Scanning Fluorimetry (DSF)

Others

**By End User**

Pharmaceutical & Biotechnology Companies

Contract Research Organization

Academic & Research Institutes

**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 Stability Analysis 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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