

# **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

## Contents

### CHAPTER 1. EXECUTIVE SUMMARY

- 1.1. Market Snapshot
- 1.2. Global & Segmental Market Estimates & Forecasts, 2020-2028 (USD Billion)
  - 1.2.1. Global Protein Stability Analysis Market, by Region, 2020-2028 (USD Billion)
  - 1.2.2. Global Protein Stability Analysis Market, by Product, 2020-2028 (USD Billion)
  - 1.2.3. Global Protein Stability Analysis Market, by Technique, 2020-2028 (USD Billion)
  - 1.2.4. Global Protein Stability Analysis Market, by End User, 2020-2028 (USD Billion)
- 1.3. Key Trends
- 1.4. Estimation Methodology
- 1.5. Research Assumption

### CHAPTER 2. GLOBAL PROTEIN STABILITY ANALYSIS MARKET DEFINITION AND SCOPE

- 2.1. Objective of the Study
- 2.2. Market Definition & Scope
  - 2.2.1. Scope of the Study
  - 2.2.2. Industry Evolution
- 2.3. Years Considered for the Study
- 2.4. Currency Conversion Rates

### CHAPTER 3. GLOBAL PROTEIN STABILITY ANALYSIS MARKET DYNAMICS

- 3.1. Protein Stability Analysis Market Impact Analysis (2020-2028)
  - 3.1.1. Market Drivers
    - 3.1.1.1. Increasing number of government initiatives to encourage drug safety programs
    - 3.1.1.2. Rising R&D spendings for drug development
  - 3.1.2. Market Challenges
    - 3.1.2.1. High cost of protein stability analysis instruments
    - 3.1.2.2. Dearth of skilled professionals
  - 3.1.3. Market Opportunities
    - 3.1.3.1. Increasing pharmaceutical outsourcing
    - 3.1.3.2. Growth of the emerging economies

### CHAPTER 4. GLOBAL PROTEIN STABILITY ANALYSIS MARKET INDUSTRY

## **ANALYSIS**

### 4.1. Porter's 5 Force Model

4.1.1. Bargaining Power of Suppliers

4.1.2. Bargaining Power of Buyers

4.1.3. Threat of New Entrants

4.1.4. Threat of Substitutes

4.1.5. Competitive Rivalry

4.1.6. Futuristic Approach to Porter's 5 Force Model (2019-2028)

### 4.2. PEST Analysis

4.2.1. Political

4.2.2. Economical

4.2.3. Social

4.2.4. Technological

### 4.3. Investment Adoption Model

### 4.4. Analyst Recommendation & Conclusion

### 4.5. Top investment opportunity

### 4.6. Top winning strategies

## **CHAPTER 5. RISK ASSESSMENT: COVID-19 IMPACT**

5.1.1. Assessment of the overall impact of COVID-19 on the industry

5.1.2. Pre COVID-19 and post COVID-19 market scenario

## **CHAPTER 6. GLOBAL PROTEIN STABILITY ANALYSIS MARKET, BY PRODUCT**

### 6.1. Market Snapshot

6.2. Global Protein Stability Analysis Market by Product, Performance - Potential Analysis

6.3. Global Protein Stability Analysis Market Estimates & Forecasts by Product 2019-2028 (USD Billion)

### 6.4. Protein Stability Analysis Market, Sub Segment Analysis

6.4.1. Reagents and Assay Kits

6.4.2. Instruments

6.4.3. Consumable and Accessories

6.4.4. Software

## **CHAPTER 7. GLOBAL PROTEIN STABILITY ANALYSIS MARKET, BY TECHNIQUE**

- 7.1. Market Snapshot
- 7.2. Global Protein Stability Analysis Market by Technique, Performance - Potential Analysis
- 7.3. Global Protein Stability Analysis Market Estimates & Forecasts by Technique 2019-2028 (USD Billion)
- 7.4. Protein Stability Analysis Market, Sub Segment Analysis
  - 7.4.1. Chromatography
  - 7.4.2. Spectroscopy
  - 7.4.3. Surface Plasma Resonance Imaging (SPRI)
  - 7.4.4. Differential Scanning Calorimetry (DSC)
  - 7.4.5. Differential Scanning Fluorimetry (DSF)
  - 7.4.6. Others

## **CHAPTER 8. GLOBAL PROTEIN STABILITY ANALYSIS MARKET, BY END USER**

- 8.1. Market Snapshot
- 8.2. Global Protein Stability Analysis Market by End User, Performance - Potential Analysis
- 8.3. Global Protein Stability Analysis Market Estimates & Forecasts by End User 2019-2028 (USD Billion)
- 8.4. Protein Stability Analysis Market, Sub Segment Analysis
  - 8.4.1. Pharmaceutical & Biotechnology Companies
  - 8.4.2. Contract Research Organization
  - 8.4.3. Academic & Research Institutes

## **CHAPTER 9. GLOBAL PROTEIN STABILITY ANALYSIS MARKET, REGIONAL ANALYSIS**

- 9.1. Protein Stability Analysis Market, Regional Market Snapshot
- 9.2. North America Protein Stability Analysis Market
  - 9.2.1. U.S. Protein Stability Analysis Market
    - 9.2.1.1. Product estimates & forecasts, 2019-2028
    - 9.2.1.2. Technique estimates & forecasts, 2019-2028
    - 9.2.1.3. End User estimates & forecasts, 2019-2028
  - 9.2.2. Canada Protein Stability Analysis Market
- 9.3. Europe Protein Stability Analysis Market Snapshot
  - 9.3.1. U.K. Protein Stability Analysis Market
  - 9.3.2. Germany Protein Stability Analysis Market
  - 9.3.3. France Protein Stability Analysis Market

- 9.3.4. Spain Protein Stability Analysis Market
- 9.3.5. Italy Protein Stability Analysis Market
- 9.3.6. Rest of Europe Protein Stability Analysis Market
- 9.4. Asia-Pacific Protein Stability Analysis Market Snapshot
  - 9.4.1. China Protein Stability Analysis Market
  - 9.4.2. India Protein Stability Analysis Market
  - 9.4.3. Japan Protein Stability Analysis Market
  - 9.4.4. Australia Protein Stability Analysis Market
  - 9.4.5. South Korea Protein Stability Analysis Market
  - 9.4.6. Rest of Asia Pacific Protein Stability Analysis Market
- 9.5. Latin America Protein Stability Analysis Market Snapshot
  - 9.5.1. Brazil Protein Stability Analysis Market
  - 9.5.2. Mexico Protein Stability Analysis Market
- 9.6. Rest of The World Protein Stability Analysis Market

## **CHAPTER 10. COMPETITIVE INTELLIGENCE**

- 10.1. Top Market Strategies
- 10.2. Company Profiles
  - 10.2.1. PerkinElmer Inc.
    - 10.2.1.1. Key Information
    - 10.2.1.2. Overview
    - 10.2.1.3. Financial (Subject to Data Availability)
    - 10.2.1.4. Product Summary
    - 10.2.1.5. Recent Developments
  - 10.2.2. Thermo Fisher Scientific, Inc.
  - 10.2.3. Unchained Labs Company
  - 10.2.4. Waters Corporation
  - 10.2.5. Agilent Technologies, Inc.
  - 10.2.6. Shimadzu Corporation
  - 10.2.7. GE Healthcare Company
  - 10.2.8. Malvern Panalytical Ltd (Spectris company)
  - 10.2.9. Enzo Life Sciences, Inc.
  - 10.2.10. Horiba, Ltd

## **CHAPTER 11. RESEARCH PROCESS**

- 11.1. Research Process
  - 11.1.1. Data Mining



- 11.1.2. Analysis
- 11.1.3. Market Estimation
- 11.1.4. Validation
- 11.1.5. Publishing
- 11.2. Research Attributes
- 11.3. Research Assumption

## List Of Tables

### LIST OF TABLES

- TABLE 1. Global Protein Stability Analysis Market, report scope
- TABLE 2. Global Protein Stability Analysis Market estimates & forecasts by Region 2019-2028 (USD Billion)
- TABLE 3. Global Protein Stability Analysis Market estimates & forecasts by Product 2019-2028 (USD Billion)
- TABLE 4. Global Protein Stability Analysis Market estimates & forecasts by Technique 2019-2028 (USD Billion)
- TABLE 5. Global Protein Stability Analysis Market estimates & forecasts by End User 2019-2028 (USD Billion)
- TABLE 6. Global Protein Stability Analysis Market by segment, estimates & forecasts, 2019-2028 (USD Billion)
- TABLE 7. Global Protein Stability Analysis Market by region, estimates & forecasts, 2019-2028 (USD Billion)
- TABLE 8. Global Protein Stability Analysis Market by segment, estimates & forecasts, 2019-2028 (USD Billion)
- TABLE 9. Global Protein Stability Analysis Market by region, estimates & forecasts, 2019-2028 (USD Billion)
- TABLE 10. Global Protein Stability Analysis Market by segment, estimates & forecasts, 2019-2028 (USD Billion)
- TABLE 11. Global Protein Stability Analysis Market by region, estimates & forecasts, 2019-2028 (USD Billion)
- TABLE 12. Global Protein Stability Analysis Market by segment, estimates & forecasts, 2019-2028 (USD Billion)
- TABLE 13. Global Protein Stability Analysis Market by region, estimates & forecasts, 2019-2028 (USD Billion)
- TABLE 14. Global Protein Stability Analysis Market by segment, estimates & forecasts, 2019-2028 (USD Billion)
- TABLE 15. Global Protein Stability Analysis Market by region, estimates & forecasts, 2019-2028 (USD Billion)
- TABLE 16. U.S. Protein Stability Analysis Market estimates & forecasts, 2019-2028 (USD Billion)
- TABLE 17. U.S. Protein Stability Analysis Market estimates & forecasts by segment 2019-2028 (USD Billion)
- TABLE 18. U.S. Protein Stability Analysis Market estimates & forecasts by segment 2019-2028 (USD Billion)

TABLE 19. Canada Protein Stability Analysis Market estimates & forecasts, 2019-2028 (USD Billion)

TABLE 20. Canada Protein Stability Analysis Market estimates & forecasts by segment 2019-2028 (USD Billion)

TABLE 21. Canada Protein Stability Analysis Market estimates & forecasts by segment 2019-2028 (USD Billion)

TABLE 22. UK Protein Stability Analysis Market estimates & forecasts, 2019-2028 (USD Billion)

TABLE 23. UK Protein Stability Analysis Market estimates & forecasts by segment 2019-2028 (USD Billion)

TABLE 24. UK Protein Stability Analysis Market estimates & forecasts by segment 2019-2028 (USD Billion)

TABLE 25. Germany Protein Stability Analysis Market estimates & forecasts, 2019-2028 (USD Billion)

TABLE 26. Germany Protein Stability Analysis Market estimates & forecasts by segment 2019-2028 (USD Billion)

TABLE 27. Germany Protein Stability Analysis Market estimates & forecasts by segment 2019-2028 (USD Billion)

TABLE 28. RoE Protein Stability Analysis Market estimates & forecasts, 2019-2028 (USD Billion)

TABLE 29. RoE Protein Stability Analysis Market estimates & forecasts by segment 2019-2028 (USD Billion)

TABLE 30. RoE Protein Stability Analysis Market estimates & forecasts by segment 2019-2028 (USD Billion)

TABLE 31. China Protein Stability Analysis Market estimates & forecasts, 2019-2028 (USD Billion)

TABLE 32. China Protein Stability Analysis Market estimates & forecasts by segment 2019-2028 (USD Billion)

TABLE 33. China Protein Stability Analysis Market estimates & forecasts by segment 2019-2028 (USD Billion)

TABLE 34. India Protein Stability Analysis Market estimates & forecasts, 2019-2028 (USD Billion)

TABLE 35. India Protein Stability Analysis Market estimates & forecasts by segment 2019-2028 (USD Billion)

TABLE 36. India Protein Stability Analysis Market estimates & forecasts by segment 2019-2028 (USD Billion)

TABLE 37. Japan Protein Stability Analysis Market estimates & forecasts, 2019-2028 (USD Billion)

TABLE 38. Japan Protein Stability Analysis Market estimates & forecasts by segment

2019-2028 (USD Billion)

TABLE 39. Japan Protein Stability Analysis Market estimates & forecasts by segment

2019-2028 (USD Billion)

TABLE 40. RoAPAC Protein Stability Analysis Market estimates & forecasts, 2019-2028

(USD Billion)

TABLE 41. RoAPAC Protein Stability Analysis Market estimates & forecasts by segment

2019-2028 (USD Billion)

TABLE 42. RoAPAC Protein Stability Analysis Market estimates & forecasts by segment

2019-2028 (USD Billion)

TABLE 43. Brazil Protein Stability Analysis Market estimates & forecasts, 2019-2028

(USD Billion)

TABLE 44. Brazil Protein Stability Analysis Market estimates & forecasts by segment

2019-2028 (USD Billion)

TABLE 45. Brazil Protein Stability Analysis Market estimates & forecasts by segment

2019-2028 (USD Billion)

TABLE 46. Mexico Protein Stability Analysis Market estimates & forecasts, 2019-2028

(USD Billion)

TABLE 47. Mexico Protein Stability Analysis Market estimates & forecasts by segment

2019-2028 (USD Billion)

TABLE 48. Mexico Protein Stability Analysis Market estimates & forecasts by segment

2019-2028 (USD Billion)

TABLE 49. RoLA Protein Stability Analysis Market estimates & forecasts, 2019-2028

(USD Billion)

TABLE 50. RoLA Protein Stability Analysis Market estimates & forecasts by segment

2019-2028 (USD Billion)

TABLE 51. RoLA Protein Stability Analysis Market estimates & forecasts by segment

2019-2028 (USD Billion)

TABLE 52. Row Protein Stability Analysis Market estimates & forecasts, 2019-2028

(USD Billion)

TABLE 53. Row Protein Stability Analysis Market estimates & forecasts by segment

2019-2028 (USD Billion)

TABLE 54. Row Protein Stability Analysis Market estimates & forecasts by segment

2019-2028 (USD Billion)

TABLE 55. List of secondary sources, used in the study of global Protein Stability Analysis Market

TABLE 56. List of primary sources, used in the study of global Protein Stability Analysis Market

TABLE 57. Years considered for the study

TABLE 58. Exchange rates considered



## List Of Figures

### LIST OF FIGURES

- FIG 1. Global Protein Stability Analysis Market, research methodology
- FIG 2. Global Protein Stability Analysis Market, market estimation techniques
- FIG 3. Global market size estimates & forecast methods
- FIG 4. Global Protein Stability Analysis Market, key trends 2021
- FIG 5. Global Protein Stability Analysis Market, growth prospects 2022-2028
- FIG 6. Global Protein Stability Analysis Market, porters 5 force model
- FIG 7. Global Protein Stability Analysis Market, pest analysis
- FIG 8. Global Protein Stability Analysis Market, value chain analysis
- FIG 9. Global Protein Stability Analysis Market by segment, 2019 & 2028 (USD Billion)
- FIG 10. Global Protein Stability Analysis Market by segment, 2019 & 2028 (USD Billion)
- FIG 11. Global Protein Stability Analysis Market by segment, 2019 & 2028 (USD Billion)
- FIG 12. Global Protein Stability Analysis Market by segment, 2019 & 2028 (USD Billion)
- FIG 13. Global Protein Stability Analysis Market by segment, 2019 & 2028 (USD Billion)
- FIG 14. Global Protein Stability Analysis Market, regional snapshot 2019 & 2028
- FIG 15. North America Protein Stability Analysis Market 2019 & 2028 (USD Billion)
- FIG 16. Europe Protein Stability Analysis Market 2019 & 2028 (USD Billion)
- FIG 17. Asia pacific market 2019 & 2028 (USD Billion)
- FIG 18. Latin America Protein Stability Analysis Market 2019 & 2028 (USD Billion)
- FIG 19. Global Protein Stability Analysis Market, company market share analysis (2021)

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