

Proteomics Market: Global Industry Trends, Share, Size, Growth, Opportunity and Forecast 2023-2028

<https://marketpublishers.com/r/PACB05F1D895EN.html>

Date: October 2023

Pages: 142

Price: US\$ 2,499.00 (Single User License)

ID: PACB05F1D895EN

Abstracts

Market Overview:

The global proteomics market size reached US\$ 30.8 Billion in 2022. Looking forward, IMARC Group expects the market to reach US\$ 77.0 Billion by 2028, exhibiting a growth rate (CAGR) of 17.8% during 2023-2028.

Proteomics refers to the study of proteomes, their structure and physiological functions on a large-scale. In 1994, Mark Wilkins first coined the term proteome for the proteins that are translated from genome, to denote the whole set of proteins synthesized within a living organism. It encompasses the modifications and alterations that take place in the existing protein when it is exposed to varying conditions. Proteomics applies various technologies for the quantification and identification of proteins, along with the detection of diagnostic markers, understanding of pathogens in cells and interpretation of protein pathways in different diseases. It also evaluates the rate of protein production and the interaction patterns of proteins due to which it finds extensive applicability in drug discovery and the development of personalized medications.

The growing preference for personalized drugs, along with increasing research and development in drug discovery and biotechnology, is the key factor driving the growth of the market. Proteomic systems reduce the time, cost and resources needed for the chemical synthesis and biological testing of drugs and simplify the process of drug discovery. Furthermore, opportunities related to biomarker identification and mass spectrometry-based proteomics are favoring the market growth further. Additionally, the market is driven by increasing technological penetration in the comprehensive analysis of protein techniques. These techniques include Electrospray Ionization-Liquid Chromatography-Mass Spectrometry (ESI-LC-MS), surface plasma resonance,

microarray, protein fractionation systems and X-ray crystallography. These advancements enable a thorough quantitative and qualitative analysis of proteins and identification of cancer therapies and treatments. Other factors, such as favorable government policies for extensive research and development (R&D) are also augmenting the growth of the market.

Key Market Segmentation:

IMARC Group provides an analysis of the key trends in each sub-segment of the global proteomics market report, along with forecasts at the global, regional and country level from 2023-2028. Our report has categorized the market based on analysis type, component type, technology, application and end-user.

Breakup by Analysis Type:

Structural Proteomics

Functional Proteomics

Protein Expression Proteomics

Breakup by Component Type:

Core Proteomics Services

Bioinformatics Software and Related Services

Breakup by Technology:

Spectroscopy

Chromatography

Electrophoresis

Protein Microarrays

X-Ray Crystallography

Surface Plasmon Resonance

Others

Breakup by Application:

Protein Expression Profiling

Proteome Mining

Post-translational Modifications

Breakup by End-User:

Clinical Diagnostic Laboratories

Research Organizations (Drug Discovery)

Others

Breakup by Region:

North America

United States

Canada

Asia Pacific

China

Japan

India

South Korea

Australia

Indonesia

Others

Europe

Germany

France

United Kingdom

Italy

Spain

Russia

Others

Latin America

Brazil

Mexico

Others

Middle East and Africa

Competitive Landscape:

The report has also analysed the competitive landscape of the market with some of the key players being Agilent Technologies Inc., Bio-RAD Laboratories Inc., Bruker Corporation, Creative Proteomics, Danaher Corporation, GE Healthcare Inc., Horiba Ltd., Luminex Corporation, Merck Group, Perkinelmer Inc., Promega Corporation, Thermo Fisher Scientific Inc., Waters Corporation, etc.

Key Questions Answered in This Report

1. How big is the global proteomics market?
2. What is the expected growth rate of the global proteomics market during 2023-2028?
3. What are the key factors driving the global proteomics market?
4. What has been the impact of COVID-19 on the global proteomics market?
5. What is the breakup of the global proteomics market based on the technology?
6. What is the breakup of the global proteomics market based on the end-user?
7. What are the key regions in the global proteomics market?
8. Who are the key players/companies in the global proteomics market?

Contents

1 PREFACE

2 SCOPE AND METHODOLOGY

- 2.1 Objectives of the Study
- 2.2 Stakeholders
- 2.3 Data Sources
 - 2.3.1 Primary Sources
 - 2.3.2 Secondary Sources
- 2.4 Market Estimation
 - 2.4.1 Bottom-Up Approach
 - 2.4.2 Top-Down Approach
- 2.5 Forecasting Methodology

3 EXECUTIVE SUMMARY

4 INTRODUCTION

- 4.1 Overview
- 4.2 Key Industry Trends

5 GLOBAL PROTEOMICS MARKET

- 5.1 Market Overview
- 5.2 Market Performance
- 5.3 Impact of COVID-19
- 5.4 Market Forecast

6 MARKET BREAKUP BY ANALYSIS TYPE

- 6.1 Structural Proteomics
 - 6.1.1 Market Trends
 - 6.1.2 Market Forecast
- 6.2 Functional Proteomics
 - 6.2.1 Market Trends
 - 6.2.2 Market Forecast
- 6.3 Protein Expression Proteomics

6.3.1 Market Trends

6.3.2 Market Forecast

7 MARKET BREAKUP BY COMPONENT TYPE

7.1 Core Proteomics Services

7.1.1 Market Trends

7.1.2 Market Forecast

7.2 Bioinformatics Software and Related Services

7.2.1 Market Trends

7.2.2 Market Forecast

8 MARKET BREAKUP BY TECHNOLOGY

8.1 Spectroscopy

8.1.1 Market Trends

8.1.2 Market Forecast

8.2 Chromatography

8.2.1 Market Trends

8.2.2 Market Forecast

8.3 Electrophoresis

8.3.1 Market Trends

8.3.2 Market Forecast

8.4 Protein Microarrays

8.4.1 Market Trends

8.4.2 Market Forecast

8.5 X-Ray Crystallography

8.5.1 Market Trends

8.5.2 Market Forecast

8.6 Surface Plasmon Resonance

8.6.1 Market Trends

8.6.2 Market Forecast

8.7 Others

8.7.1 Market Trends

8.7.2 Market Forecast

9 MARKET BREAKUP BY APPLICATION

9.1 Protein Expression Profiling

- 9.1.1 Market Trends
- 9.1.2 Market Forecast
- 9.2 Proteome Mining
 - 9.2.1 Market Trends
 - 9.2.2 Market Forecast
- 9.3 Post-translational Modifications
 - 9.3.1 Market Trends
 - 9.3.2 Market Forecast

10 MARKET BREAKUP BY END-USER

- 10.1 Clinical Diagnostic Laboratories
 - 10.1.1 Market Trends
 - 10.1.2 Market Forecast
- 10.2 Research Organizations (Drug Discovery)
 - 10.2.1 Market Trends
 - 10.2.2 Market Forecast
- 10.3 Others
 - 10.3.1 Market Trends
 - 10.3.2 Market Forecast

11 MARKET BREAKUP BY REGION

- 11.1 North America
 - 11.1.1 United States
 - 11.1.1.1 Market Trends
 - 11.1.1.2 Market Forecast
 - 11.1.2 Canada
 - 11.1.2.1 Market Trends
 - 11.1.2.2 Market Forecast
- 11.2 Asia Pacific
 - 11.2.1 China
 - 11.2.1.1 Market Trends
 - 11.2.1.2 Market Forecast
 - 11.2.2 Japan
 - 11.2.2.1 Market Trends
 - 11.2.2.2 Market Forecast
 - 11.2.3 India
 - 11.2.3.1 Market Trends

- 11.2.3.2 Market Forecast
- 11.2.4 South Korea
 - 11.2.4.1 Market Trends
 - 11.2.4.2 Market Forecast
- 11.2.5 Australia
 - 11.2.5.1 Market Trends
 - 11.2.5.2 Market Forecast
- 11.2.6 Indonesia
 - 11.2.6.1 Market Trends
 - 11.2.6.2 Market Forecast
- 11.2.7 Others
 - 11.2.7.1 Market Trends
 - 11.2.7.2 Market Forecast
- 11.3 Europe
 - 11.3.1 Germany
 - 11.3.1.1 Market Trends
 - 11.3.1.2 Market Forecast
 - 11.3.2 France
 - 11.3.2.1 Market Trends
 - 11.3.2.2 Market Forecast
 - 11.3.3 United Kingdom
 - 11.3.3.1 Market Trends
 - 11.3.3.2 Market Forecast
 - 11.3.4 Italy
 - 11.3.4.1 Market Trends
 - 11.3.4.2 Market Forecast
 - 11.3.5 Spain
 - 11.3.5.1 Market Trends
 - 11.3.5.2 Market Forecast
 - 11.3.6 Russia
 - 11.3.6.1 Market Trends
 - 11.3.6.2 Market Forecast
 - 11.3.7 Others
 - 11.3.7.1 Market Trends
 - 11.3.7.2 Market Forecast
- 11.4 Latin America
 - 11.4.1 Brazil
 - 11.4.1.1 Market Trends
 - 11.4.1.2 Market Forecast

11.4.2 Mexico

11.4.2.1 Market Trends

11.4.2.2 Market Forecast

11.4.3 Others

11.4.3.1 Market Trends

11.4.3.2 Market Forecast

11.5 Middle East and Africa

11.5.1 Market Trends

11.5.2 Market Breakup by Country

11.5.3 Market Forecast

12 SWOT ANALYSIS

12.1 Overview

12.2 Strengths

12.3 Weaknesses

12.4 Opportunities

12.5 Threats

13 VALUE CHAIN ANALYSIS

14 PORTERS FIVE FORCES ANALYSIS

14.1 Overview

14.2 Bargaining Power of Buyers

14.3 Bargaining Power of Suppliers

14.4 Degree of Competition

14.5 Threat of New Entrants

14.6 Threat of Substitutes

15 COMPETITIVE LANDSCAPE

15.1 Market Structure

15.2 Key Players

15.3 Profiles of Key Players

15.3.1 Agilent Technologies Inc.

15.3.1.1 Company Overview

15.3.1.2 Product Portfolio

15.3.1.3 Financials

- 15.3.1.4 SWOT Analysis
- 15.3.2 Bio-RAD Laboratories Inc.
 - 15.3.2.1 Company Overview
 - 15.3.2.2 Product Portfolio
 - 15.3.2.3 Financials
 - 15.3.2.4 SWOT Analysis
- 15.3.3 Bruker Corporation
 - 15.3.3.1 Company Overview
 - 15.3.3.2 Product Portfolio
 - 15.3.3.3 Financials
 - 15.3.3.4 SWOT Analysis
- 15.3.4 Creative Proteomics
 - 15.3.4.1 Company Overview
 - 15.3.4.2 Product Portfolio
- 15.3.5 Danaher Corporation
 - 15.3.5.1 Company Overview
 - 15.3.5.2 Product Portfolio
 - 15.3.5.3 Financials
 - 15.3.5.4 SWOT Analysis
- 15.3.6 GE Healthcare Inc.
 - 15.3.6.1 Company Overview
 - 15.3.6.2 Product Portfolio
- 15.3.7 Horiba Ltd.
 - 15.3.7.1 Company Overview
 - 15.3.7.2 Product Portfolio
 - 15.3.7.3 Financials
- 15.3.8 Luminex Corporation
 - 15.3.8.1 Company Overview
 - 15.3.8.2 Product Portfolio
 - 15.3.8.3 Financials
 - 15.3.8.4 SWOT Analysis
- 15.3.9 Merck Group
 - 15.3.9.1 Company Overview
 - 15.3.9.2 Product Portfolio
 - 15.3.9.3 Financials
 - 15.3.9.4 SWOT Analysis
- 15.3.10 Perkinelmer Inc.
 - 15.3.10.1 Company Overview
 - 15.3.10.2 Product Portfolio

- 15.3.10.3 Financials
- 15.3.10.4 SWOT Analysis
- 15.3.11 Promega Corporation
 - 15.3.11.1 Company Overview
 - 15.3.11.2 Product Portfolio
- 15.3.12 Thermo Fisher Scientific Inc.
 - 15.3.12.1 Company Overview
 - 15.3.12.2 Product Portfolio
 - 15.3.12.3 Financials
 - 15.3.12.4 SWOT Analysis
- 15.3.13 Waters Corporation
 - 15.3.13.1 Company Overview
 - 15.3.13.2 Product Portfolio
 - 15.3.13.3 Financials
 - 15.3.13.4 SWOT Analysis

List Of Tables

LIST OF TABLES

- Table 1: Global: Proteomics Market: Key Industry Highlights, 2022 and 2028
- Table 2: Global: Proteomics Market Forecast: Breakup by Analysis Type (in Million US\$), 2023-2028
- Table 3: Global: Proteomics Market Forecast: Breakup by Component Type (in Million US\$), 2023-2028
- Table 4: Global: Proteomics Market Forecast: Breakup by Technology (in Million US\$), 2023-2028
- Table 5: Global: Proteomics Market Forecast: Breakup by Application (in Million US\$), 2023-2028
- Table 6: Global: Proteomics Market Forecast: Breakup by End-User (in Million US\$), 2023-2028
- Table 7: Global: Proteomics Market Forecast: Breakup by Region (in Million US\$), 2023-2028
- Table 8: Global: Proteomics Market Structure
- Table 9: Global: Proteomics Market: Key Players

List Of Figures

LIST OF FIGURES

Figure 1: Global: Proteomics Market: Major Drivers and Challenges

Figure 2: Global: Proteomics Market: Sales Value (in Billion US\$), 2017-2022

Figure 3: Global: Proteomics Market: Breakup by Analysis Type (in %), 2022

Figure 4: Global: Proteomics Market: Breakup by Component Type (in %), 2022

Figure 5: Global: Proteomics Market: Breakup by Technology (in %), 2022

Figure 6: Global: Proteomics Market: Breakup by Application (in %), 2022

Figure 7: Global: Proteomics Market: Breakup by End-User (in %), 2022

Figure 8: Global: Proteomics Market: Breakup by Region (in %), 2022

Figure 9: Global: Proteomics Market Forecast: Sales Value (in Billion US\$), 2023-2028

Figure 10: Global: Proteomics (Structural Proteomics) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 11: Global: Proteomics (Structural Proteomics) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 12: Global: Proteomics (Functional Proteomics) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 13: Global: Proteomics (Functional Proteomics) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 14: Global: Proteomics (Protein Expression Proteomics) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 15: Global: Proteomics (Protein Expression Proteomics) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 16: Global: Proteomics (Core Proteomics Services) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 17: Global: Proteomics (Core Proteomics Services) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 18: Global: Proteomics (Bioinformatics Software and Related Services) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 19: Global: Proteomics (Bioinformatics Software and Related Services) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 20: Global: Proteomics (Spectroscopy) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 21: Global: Proteomics (Spectroscopy) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 22: Global: Proteomics (Chromatography) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 23: Global: Proteomics (Chromatography) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 24: Global: Proteomics (Electrophoresis) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 25: Global: Proteomics (Electrophoresis) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 26: Global: Proteomics (Protein Microarrays) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 27: Global: Proteomics (Protein Microarrays) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 28: Global: Proteomics (X-Ray Crystallography) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 29: Global: Proteomics (X-Ray Crystallography) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 30: Global: Proteomics (Surface Plasmon Resonance) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 31: Global: Proteomics (Surface Plasmon Resonance) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 32: Global: Proteomics (Others) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 33: Global: Proteomics (Others) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 34: Global: Proteomics (Protein Expression Profiling) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 35: Global: Proteomics (Protein Expression Profiling) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 36: Global: Proteomics (Proteome Mining) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 37: Global: Proteomics (Proteome Mining) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 38: Global: Proteomics (Post-translational Modifications) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 39: Global: Proteomics (Post-translational Modifications) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 40: Global: Proteomics (Clinical Diagnostic Laboratories) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 41: Global: Proteomics (Clinical Diagnostic Laboratories) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 42: Global: Proteomics (Research Organizations-Drug Discovery) Market: Sales

Value (in Million US\$), 2017 & 2022

Figure 43: Global: Proteomics (Research Organizations-Drug Discovery) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 44: Global: Proteomics (Other End-Users) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 45: Global: Proteomics (Other End-Users) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 46: North America: Proteomics Market: Sales Value (in Million US\$), 2017 & 2022

Figure 47: North America: Proteomics Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 48: United States: Proteomics Market: Sales Value (in Million US\$), 2017 & 2022

Figure 49: United States: Proteomics Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 50: Canada: Proteomics Market: Sales Value (in Million US\$), 2017 & 2022

Figure 51: Canada: Proteomics Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 52: Asia Pacific: Proteomics Market: Sales Value (in Million US\$), 2017 & 2022

Figure 53: Asia Pacific: Proteomics Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 54: China: Proteomics Market: Sales Value (in Million US\$), 2017 & 2022

Figure 55: China: Proteomics Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 56: Japan: Proteomics Market: Sales Value (in Million US\$), 2017 & 2022

Figure 57: Japan: Proteomics Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 58: India: Proteomics Market: Sales Value (in Million US\$), 2017 & 2022

Figure 59: India: Proteomics Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 60: South Korea: Proteomics Market: Sales Value (in Million US\$), 2017 & 2022

Figure 61: South Korea: Proteomics Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 62: Australia: Proteomics Market: Sales Value (in Million US\$), 2017 & 2022

Figure 63: Australia: Proteomics Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 64: Indonesia: Proteomics Market: Sales Value (in Million US\$), 2017 & 2022

Figure 65: Indonesia: Proteomics Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 66: Others: Proteomics Market: Sales Value (in Million US\$), 2017 & 2022

Figure 67: Others: Proteomics Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 68: Europe: Proteomics Market: Sales Value (in Million US\$), 2017 & 2022

Figure 69: Europe: Proteomics Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 70: Germany: Proteomics Market: Sales Value (in Million US\$), 2017 & 2022

Figure 71: Germany: Proteomics Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 72: France: Proteomics Market: Sales Value (in Million US\$), 2017 & 2022

Figure 73: France: Proteomics Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 74: United Kingdom: Proteomics Market: Sales Value (in Million US\$), 2017 & 2022

Figure 75: United Kingdom: Proteomics Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 76: Italy: Proteomics Market: Sales Value (in Million US\$), 2017 & 2022

Figure 77: Italy: Proteomics Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 78: Spain: Proteomics Market: Sales Value (in Million US\$), 2017 & 2022

Figure 79: Spain: Proteomics Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 80: Russia: Proteomics Market: Sales Value (in Million US\$), 2017 & 2022

Figure 81: Russia: Proteomics Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 82: Others: Proteomics Market: Sales Value (in Million US\$), 2017 & 2022

Figure 83: Others: Proteomics Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 84: Latin America: Proteomics Market: Sales Value (in Million US\$), 2017 & 2022

Figure 85: Latin America: Proteomics Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 86: Brazil: Proteomics Market: Sales Value (in Million US\$), 2017 & 2022

Figure 87: Brazil: Proteomics Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 88: Mexico: Proteomics Market: Sales Value (in Million US\$), 2017 & 2022

Figure 89: Mexico: Proteomics Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 90: Others: Proteomics Market: Sales Value (in Million US\$), 2017 & 2022

Figure 91: Others: Proteomics Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 92: Middle East and Africa: Proteomics Market: Sales Value (in Million US\$), 2017 & 2022

Figure 93: Middle East and Africa: Proteomics Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 94: Global: Proteomics Industry: SWOT Analysis

Figure 95: Global: Proteomics Industry: Value Chain Analysis

Figure 96: Global: Proteomics Industry: Porter's Five Forces Analysis

I would like to order

Product name: Proteomics Market: Global Industry Trends, Share, Size, Growth, Opportunity and Forecast 2023-2028

Product link: <https://marketpublishers.com/r/PACB05F1D895EN.html>

Price: US\$ 2,499.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/PACB05F1D895EN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:
Last name:
Email:
Company:
Address:
City:
Zip code:
Country:
Tel:
Fax:
Your message:

****All fields are required**

Customer signature _____

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below and fax the completed form to +44 20 7900 3970

