

Plasma Protein Therapeutics Market Outlook 2025-2034: Market Share, and Growth Analysis By Product (Immunoglobulin, Albumin, Coagulation Factor, C1-esterase Inhibitors, Other Products), By Route Of Administration (Intravenous, Subcutaneous), By Applications

<https://marketpublishers.com/r/P1FCAB53BC6DEN.html>

Date: October 2025

Pages: 160

Price: US\$ 3,950.00 (Single User License)

ID: P1FCAB53BC6DEN

Abstracts

The Plasma Protein Therapeutics Market is valued at USD 30.1 billion in 2025 and is projected to grow at a CAGR of 7.4% to reach USD 57.2 billion by 2034.

Plasma Protein Therapeutics Market Overview

The plasma protein therapeutics market is expanding rapidly due to the increasing prevalence of rare and chronic diseases requiring plasma-derived treatments. Plasma proteins such as immunoglobulins, albumin, and clotting factors are essential in treating immune deficiencies, hemophilia, and neurological disorders. Advances in plasma fractionation technology have improved the purity and efficacy of these therapies, ensuring better patient outcomes. Additionally, rising awareness about plasma donation and expanded collection networks are helping stabilize the supply of raw materials, addressing historical shortages. Governments and healthcare organizations worldwide are investing in plasma protein research and infrastructure, recognizing the critical role these therapies play in managing life-threatening conditions. With the growing focus on precision medicine and biologics, plasma protein therapeutics continue to gain prominence as a vital segment of the biopharmaceutical industry. The plasma protein therapeutics market witnessed significant growth, driven by increased plasma collection efforts and rising demand for immunoglobulins in autoimmune disease management. Regulatory agencies implemented streamlined approval processes for new plasma-

derived therapies, facilitating quicker market access. Key industry players expanded their production capacity through strategic acquisitions and investments in advanced fractionation technologies. Meanwhile, innovations in purification techniques enhanced the safety and consistency of plasma proteins, leading to higher adoption rates. The market also saw growing interest in alternative protein therapies, such as recombinant biologics, which provided competition to traditional plasma-derived products. Global initiatives aimed at improving plasma donation rates helped reduce supply chain constraints, ensuring a steady flow of raw materials for manufacturing plasma protein therapeutics. The market is expected to continue its upward trajectory, driven by advancements in personalized medicine and targeted plasma therapies. Biopharmaceutical companies will focus on optimizing plasma processing techniques to enhance yield and cost-effectiveness. Emerging markets in Asia and Latin America will play a crucial role in market expansion, as healthcare infrastructure improves and access to plasma therapies increases. The development of hybrid plasma-recombinant therapies will provide more treatment options, catering to a broader patient base. Sustainability initiatives, including eco-friendly fractionation methods and reduced reliance on animal-based components, will shape the future of plasma protein production. Additionally, continued collaborations between research institutions and pharmaceutical companies will drive innovation, leading to novel applications for plasma proteins in treating neurodegenerative and inflammatory diseases.

Key Insights Plasma Protein Therapeutics Market

Rising Demand for Immunoglobulin Therapies: The increasing incidence of autoimmune and neurological disorders is driving the demand for immunoglobulin-based treatments.

Technological Advancements in Plasma Fractionation: Innovations in filtration and purification techniques are improving the yield, safety, and efficiency of plasma protein therapeutics.

Growth in Plasma Donation Networks: Governments and healthcare organizations are expanding plasma collection programs to address supply shortages and stabilize raw material availability.

Development of Hybrid Plasma-Recombinant Therapies: The integration of plasma proteins with recombinant biologics is creating new treatment options with improved efficacy and reduced variability.

Expanding Applications Beyond Rare Diseases: Plasma protein therapies are being explored for broader indications, including neurodegenerative and inflammatory conditions.

Increasing Prevalence of Chronic and Rare Diseases: The rising incidence of hemophilia, immunodeficiencies, and neurological disorders is fueling demand for plasma-derived treatments.

Expanding Healthcare Infrastructure in Emerging Markets: Improved medical facilities and growing awareness of plasma protein therapies are driving market penetration in developing regions.

Regulatory Support and Fast-Track Approvals: Governments and health agencies are implementing policies to accelerate the approval process for plasma-derived therapeutics.

R&D Investments in Next-Generation Plasma Therapies: Biopharmaceutical firms are increasing research funding to develop more effective and targeted plasma-based treatments.

Plasma Supply Chain Constraints: Limited donor participation and fluctuating plasma availability remain a major challenge, affecting the consistent production of plasma protein therapeutics.

Plasma Protein Therapeutics Market Segmentation

By Product

Immunoglobulin

Albumin

Coagulation Factor

C1-esterase Inhibitors

Other Products

By Route Of Administration

Intravenous

Subcutaneous

By Applications

Primary Immunodeficiency Disorder (PID)

Idiopathic Thrombocytopenic Purpura

Secondary Immunodeficiency

Hereditary Angioedema

Other Applications

Key Companies Analysed

CSL Behring LLC

Grifols SA

China Biologic Products Holdings Inc.

Takeda Pharmaceutical Company Limited

Baxter International Inc.

Kedrion SpA

Shire plc

LFB SA

Emergent BioSolutions Inc.

Reliance Life Sciences Private Limited

ADMA Biologics Inc.

Prothya Biosolutions BV

Bio Products Laboratory Ltd.

MP Biomedicals LLC

Biotest AG

Taibang Biological Group Co Ltd

Arthrex Inc.

Johnson and Johnson

Abeona Therapeutics Inc.

Octapharma Plasma Inc.

Bayer AG

Bioverativ Inc.

Grifols Biologicals Inc.

Baxalta US Inc.

New York Blood Center

Green Cross Corporation

China National Biotec Group Company Limited

Kamada Ltd.

Australian Red Cross Lifeblood .

Plasma Protein Therapeutics Market Analytics

The report employs rigorous tools, including Porter's Five Forces, value chain mapping, and scenario-based modeling, to assess supply–demand dynamics. Cross-sector influences from parent, derived, and substitute markets are evaluated to identify risks and opportunities. Trade and pricing analytics provide an up-to-date view of international flows, including leading exporters, importers, and regional price trends.

Macroeconomic indicators, policy frameworks such as carbon pricing and energy security strategies, and evolving consumer behavior are considered in forecasting scenarios. Recent deal flows, partnerships, and technology innovations are incorporated to assess their impact on future market performance.

Plasma Protein Therapeutics Market Competitive Intelligence

The competitive landscape is mapped through OG Analysis' proprietary frameworks, profiling leading companies with details on business models, product portfolios, financial performance, and strategic initiatives. Key developments such as mergers & acquisitions, technology collaborations, investment inflows, and regional expansions are analyzed for their competitive impact. The report also identifies emerging players and innovative startups contributing to market disruption.

Regional insights highlight the most promising investment destinations, regulatory landscapes, and evolving partnerships across energy and industrial corridors.

Countries Covered

North America — Plasma Protein Therapeutics market data and outlook to 2034

United States

Canada

Mexico

Europe — Plasma Protein Therapeutics market data and outlook to 2034

Germany

United Kingdom

France

Italy

Spain

BeNeLux

Russia

Sweden

Asia-Pacific — Plasma Protein Therapeutics market data and outlook to 2034

China

Japan

India

South Korea

Australia

Indonesia

Malaysia

Vietnam

Middle East and Africa — Plasma Protein Therapeutics market data and outlook to 2034

Saudi Arabia

South Africa

Iran

UAE

Egypt

South and Central America — Plasma Protein Therapeutics market data and outlook to 2034

Brazil

Argentina

Chile

Peru

** We can include data and analysis of additional countries on demand.*

Research Methodology

This study combines primary inputs from industry experts across the Plasma Protein Therapeutics value chain with secondary data from associations, government publications, trade databases, and company disclosures. Proprietary modeling techniques, including data triangulation, statistical correlation, and scenario planning, are applied to deliver reliable market sizing and forecasting.

Key Questions Addressed

What is the current and forecast market size of the Plasma Protein Therapeutics industry at global, regional, and country levels?

Which types, applications, and technologies present the highest growth potential?

How are supply chains adapting to geopolitical and economic shocks?

What role do policy frameworks, trade flows, and sustainability targets play in shaping demand?

Who are the leading players, and how are their strategies evolving in the face of global uncertainty?

Which regional “hotspots” and customer segments will outpace the market, and what go-to-market and partnership models best support entry and expansion?

Where are the most investable opportunities—across technology roadmaps, sustainability-linked innovation, and M&A—and what is the best segment to invest over the next 3–5 years?

Your Key Takeaways from the Plasma Protein Therapeutics Market Report

Global Plasma Protein Therapeutics market size and growth projections (CAGR), 2024-2034

Impact of Russia-Ukraine, Israel-Palestine, and Hamas conflicts on Plasma Protein Therapeutics trade, costs, and supply chains

Plasma Protein Therapeutics market size, share, and outlook across 5 regions and 27 countries, 2023-2034

Plasma Protein Therapeutics market size, CAGR, and market share of key products, applications, and end-user verticals, 2023-2034

Short- and long-term Plasma Protein Therapeutics market trends, drivers, restraints, and opportunities

Porter’s Five Forces analysis, technological developments, and Plasma Protein Therapeutics supply chain analysis

Plasma Protein Therapeutics trade analysis, Plasma Protein Therapeutics market price analysis, and Plasma Protein Therapeutics supply/demand dynamics

Profiles of 5 leading companies—overview, key strategies, financials, and products

Latest Plasma Protein Therapeutics market news and developments

Additional Support

With the purchase of this report, you will receive

An updated PDF report and an MS Excel data workbook containing all market tables and figures for easy analysis.

7-day post-sale analyst support for clarifications and in-scope supplementary data, ensuring the deliverable aligns precisely with your requirements.

Complimentary report update to incorporate the latest available data and the impact of recent market developments.

** The updated report will be delivered within 3 working days*

Contents

1. TABLE OF CONTENTS

- 1.1 List of Tables
- 1.2 List of Figures

2. GLOBAL PLASMA PROTEIN THERAPEUTICS MARKET SUMMARY, 2025

- 2.1 Plasma Protein Therapeutics Industry Overview
 - 2.1.1 Global Plasma Protein Therapeutics Market Revenues (In US\$ billion)
- 2.2 Plasma Protein Therapeutics Market Scope
- 2.3 Research Methodology

3. PLASMA PROTEIN THERAPEUTICS MARKET INSIGHTS, 2024-2034

- 3.1 Plasma Protein Therapeutics Market Drivers
- 3.2 Plasma Protein Therapeutics Market Restraints
- 3.3 Plasma Protein Therapeutics Market Opportunities
- 3.4 Plasma Protein Therapeutics Market Challenges
- 3.5 Tariff Impact on Global Plasma Protein Therapeutics Supply Chain Patterns

4. PLASMA PROTEIN THERAPEUTICS MARKET ANALYTICS

- 4.1 Plasma Protein Therapeutics Market Size and Share, Key Products, 2025 Vs 2034
- 4.2 Plasma Protein Therapeutics Market Size and Share, Dominant Applications, 2025 Vs 2034
- 4.3 Plasma Protein Therapeutics Market Size and Share, Leading End Uses, 2025 Vs 2034
- 4.4 Plasma Protein Therapeutics Market Size and Share, High Growth Countries, 2025 Vs 2034
- 4.5 Five Forces Analysis for Global Plasma Protein Therapeutics Market
 - 4.5.1 Plasma Protein Therapeutics Industry Attractiveness Index, 2025
 - 4.5.2 Plasma Protein Therapeutics Supplier Intelligence
 - 4.5.3 Plasma Protein Therapeutics Buyer Intelligence
 - 4.5.4 Plasma Protein Therapeutics Competition Intelligence
 - 4.5.5 Plasma Protein Therapeutics Product Alternatives and Substitutes Intelligence
 - 4.5.6 Plasma Protein Therapeutics Market Entry Intelligence

5. GLOBAL PLASMA PROTEIN THERAPEUTICS MARKET STATISTICS – INDUSTRY REVENUE, MARKET SHARE, GROWTH TRENDS AND FORECAST BY SEGMENTS, TO 2034

5.1 World Plasma Protein Therapeutics Market Size, Potential and Growth Outlook, 2024- 2034 (\$ billion)

5.1 Global Plasma Protein Therapeutics Sales Outlook and CAGR Growth By Product, 2024- 2034 (\$ billion)

5.2 Global Plasma Protein Therapeutics Sales Outlook and CAGR Growth By Route Of Administration, 2024- 2034 (\$ billion)

5.3 Global Plasma Protein Therapeutics Sales Outlook and CAGR Growth By Applications, 2024- 2034 (\$ billion)

5.4 Global Plasma Protein Therapeutics Market Sales Outlook and Growth by Region, 2024- 2034 (\$ billion)

6. ASIA PACIFIC PLASMA PROTEIN THERAPEUTICS INDUSTRY STATISTICS – MARKET SIZE, SHARE, COMPETITION AND OUTLOOK

6.1 Asia Pacific Plasma Protein Therapeutics Market Insights, 2025

6.2 Asia Pacific Plasma Protein Therapeutics Market Revenue Forecast By Product, 2024- 2034 (USD billion)

6.3 Asia Pacific Plasma Protein Therapeutics Market Revenue Forecast By Route Of Administration, 2024- 2034 (USD billion)

6.4 Asia Pacific Plasma Protein Therapeutics Market Revenue Forecast By Applications, 2024- 2034 (USD billion)

6.5 Asia Pacific Plasma Protein Therapeutics Market Revenue Forecast by Country, 2024- 2034 (USD billion)

6.5.1 China Plasma Protein Therapeutics Market Size, Opportunities, Growth 2024-2034

6.5.2 India Plasma Protein Therapeutics Market Size, Opportunities, Growth 2024-2034

6.5.3 Japan Plasma Protein Therapeutics Market Size, Opportunities, Growth 2024-2034

6.5.4 Australia Plasma Protein Therapeutics Market Size, Opportunities, Growth 2024-2034

7. EUROPE PLASMA PROTEIN THERAPEUTICS MARKET DATA, PENETRATION, AND BUSINESS PROSPECTS TO 2034

- 7.1 Europe Plasma Protein Therapeutics Market Key Findings, 2025
- 7.2 Europe Plasma Protein Therapeutics Market Size and Percentage Breakdown By Product, 2024- 2034 (USD billion)
- 7.3 Europe Plasma Protein Therapeutics Market Size and Percentage Breakdown By Route Of Administration, 2024- 2034 (USD billion)
- 7.4 Europe Plasma Protein Therapeutics Market Size and Percentage Breakdown By Applications, 2024- 2034 (USD billion)
- 7.5 Europe Plasma Protein Therapeutics Market Size and Percentage Breakdown by Country, 2024- 2034 (USD billion)
 - 7.5.1 Germany Plasma Protein Therapeutics Market Size, Trends, Growth Outlook to 2034
 - 7.5.2 United Kingdom Plasma Protein Therapeutics Market Size, Trends, Growth Outlook to 2034
 - 7.5.2 France Plasma Protein Therapeutics Market Size, Trends, Growth Outlook to 2034
 - 7.5.2 Italy Plasma Protein Therapeutics Market Size, Trends, Growth Outlook to 2034
 - 7.5.2 Spain Plasma Protein Therapeutics Market Size, Trends, Growth Outlook to 2034

8. NORTH AMERICA PLASMA PROTEIN THERAPEUTICS MARKET SIZE, GROWTH TRENDS, AND FUTURE PROSPECTS TO 2034

- 8.1 North America Snapshot, 2025
- 8.2 North America Plasma Protein Therapeutics Market Analysis and Outlook By Product, 2024- 2034 (\$ billion)
- 8.3 North America Plasma Protein Therapeutics Market Analysis and Outlook By Route Of Administration, 2024- 2034 (\$ billion)
- 8.4 North America Plasma Protein Therapeutics Market Analysis and Outlook By Applications, 2024- 2034 (\$ billion)
- 8.5 North America Plasma Protein Therapeutics Market Analysis and Outlook by Country, 2024- 2034 (\$ billion)
 - 8.5.1 United States Plasma Protein Therapeutics Market Size, Share, Growth Trends and Forecast, 2024- 2034
 - 8.5.1 Canada Plasma Protein Therapeutics Market Size, Share, Growth Trends and Forecast, 2024- 2034
 - 8.5.1 Mexico Plasma Protein Therapeutics Market Size, Share, Growth Trends and Forecast, 2024- 2034

9. SOUTH AND CENTRAL AMERICA PLASMA PROTEIN THERAPEUTICS MARKET

DRIVERS, CHALLENGES, AND FUTURE PROSPECTS

9.1 Latin America Plasma Protein Therapeutics Market Data, 2025

9.2 Latin America Plasma Protein Therapeutics Market Future By Product, 2024- 2034 (\$ billion)

9.3 Latin America Plasma Protein Therapeutics Market Future By Route Of Administration, 2024- 2034 (\$ billion)

9.4 Latin America Plasma Protein Therapeutics Market Future By Applications, 2024- 2034 (\$ billion)

9.5 Latin America Plasma Protein Therapeutics Market Future by Country, 2024- 2034 (\$ billion)

9.5.1 Brazil Plasma Protein Therapeutics Market Size, Share and Opportunities to 2034

9.5.2 Argentina Plasma Protein Therapeutics Market Size, Share and Opportunities to 2034

10. MIDDLE EAST AFRICA PLASMA PROTEIN THERAPEUTICS MARKET OUTLOOK AND GROWTH PROSPECTS

10.1 Middle East Africa Overview, 2025

10.2 Middle East Africa Plasma Protein Therapeutics Market Statistics By Product, 2024- 2034 (USD billion)

10.3 Middle East Africa Plasma Protein Therapeutics Market Statistics By Route Of Administration, 2024- 2034 (USD billion)

10.4 Middle East Africa Plasma Protein Therapeutics Market Statistics By Applications, 2024- 2034 (USD billion)

10.5 Middle East Africa Plasma Protein Therapeutics Market Statistics by Country, 2024- 2034 (USD billion)

10.5.1 Middle East Plasma Protein Therapeutics Market Value, Trends, Growth Forecasts to 2034

10.5.2 Africa Plasma Protein Therapeutics Market Value, Trends, Growth Forecasts to 2034

11. PLASMA PROTEIN THERAPEUTICS MARKET STRUCTURE AND COMPETITIVE LANDSCAPE

11.1 Key Companies in Plasma Protein Therapeutics Industry

11.2 Plasma Protein Therapeutics Business Overview

11.3 Plasma Protein Therapeutics Product Portfolio Analysis

11.4 Financial Analysis

11.5 SWOT Analysis

12 APPENDIX

12.1 Global Plasma Protein Therapeutics Market Volume (Tons)

12.1 Global Plasma Protein Therapeutics Trade and Price Analysis

12.2 Plasma Protein Therapeutics Parent Market and Other Relevant Analysis

12.3 Publisher Expertise

12.2 Plasma Protein Therapeutics Industry Report Sources and Methodology

I would like to order

Product name: Plasma Protein Therapeutics Market Outlook 2025-2034: Market Share, and Growth Analysis By Product (Immunoglobulin, Albumin, Coagulation Factor, C1-esterase Inhibitors, Other Products), By Route Of Administration (Intravenous, Subcutaneous), By Applications

Product link: <https://marketpublishers.com/r/P1FCAB53BC6DEN.html>

Price: US\$ 3,950.00 (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/P1FCAB53BC6DEN.html>