

# Plasma Fractionation Market by Product (Immunoglobulins, Albumin, Protease Inhibitors, von Willebrand Factor, PCC), Application (Neurology, Immunology, Hematology, Rheumatology), End User (Clinical Research, Hospitals & Clinics) - Global Forecast to 2028

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## Abstracts

The global plasma fractionation market size is projected to reach USD 40.4 billion by 2028 from USD 29.0 billion in 2023, at a CAGR of 6.9% during the forecast period. Expanding the number of plasma collection centers allows market players to collect a larger volume of plasma from donors. This increased supply of raw materials becomes the foundation for producing a greater quantity of plasma-derived products, meeting the growing demand in the market. For instance, in December 2022, CSL Behring (Australia) announced the opening of a USD 900 million Plasma Fractionation Facility in Victoria, Australia. The new state-of-the-art facility can process up to 9.2 million plasma equivalent liters per annum.

“The hospitals and clinics segment is expected to dominate the market during the forecast period.”

Based on end user, the plasma fractionation market is segmented into research laboratories, hospitals and clinics, and academic institutes. In 2022, the clinics and hospitals segment accounted for the largest share of the global plasma fractionation market. The growing number of hospitals and clinics in emerging and developed economies, as well as the improvement in healthcare infrastructure, are attributed to this segment's major share in the market. Leading companies in this market are collaborating with hospitals to conduct clinical trials and promote awareness about the

use of plasma products in the treatment of rare diseases. The demand for plasma products for the treatment of many rare and life-threatening disorders like hemophilia, PID, and COVID-19 is anticipated to increase as a result of such initiatives by companies and hospitals.

“The pulmonology application segment will witness the highest growth in the plasma fractionation market.”

Based on application, the plasma fractionation market is segmented into hematology, critical care, pulmonology neurology, immunology, , hemato-oncology, rheumatology, and other applications. In 2022, the pulmonology segment is expected to register the highest CAGR during the forecast period. The two major plasma products used in the treatment of various respiratory disorders are immunoglobulins and protease inhibitors. The main functions of immunoglobulins are the prevention and treatment of upper and lower respiratory tract infections. The market for pulmonology applications has grown significantly in recent years due to the significant growth in the usage of protease inhibitors, such as alpha-1-antitrypsin.

“North America will dominate the market during the forecast period.”

Based on region, the plasma fractionation market is further segmented into North America, Europe, Asia Pacific, Latin America, and the Middle East and Africa. In 2022, North America accounted for the largest share of the plasma fractionation market, followed by Europe and the Asia Pacific. North America's dominance in the global market is due to the fact that top players are continuously engaged in adopting various organic and inorganic growth strategies such as collaborations, partnerships, and acquisitions to strengthen their market position. Major players in this industry in the area use the expansion of fractionation plants with cutting-edge technologies as a key growth strategy. The top competitors also focus on acquiring plasma collecting facilities to increase their market share in North America.

The primary interviews conducted for this report can be categorized as follows:

By Respondent: Supply Side - 70% and Demand Type - 30%

By Designation: Managers - 45%, Directors - 30%, and Executives - 25%

By Region: North America -25%, Europe -25%, Asia-Pacific -40%, Latin America-5%, Middle East -2.5% & Africa- 2.5%

## List of Companies Profiled in the Report

CSL (Australia)

Takeda Pharmaceutical Company Limited (Japan)

Grifols, S.A. (Spain)

Octapharma AG (Switzerland)

Kedrion S.P.A (Italy)

LFB (France)

ADMA Biologics (US)

Sanquin (Netherlands)

China Biologic Products Holdings Inc. (China)

GC Pharma (Korea)

Hualan Bioengineering Co., Ltd. (China)

Japan Blood Products Organization (Japan)

Emergent BioSolutions (US)

Shanghai Raas Blood Products Co., Ltd. (China)

Intas Pharmaceuticals Ltd. (India)

Bharat Serum Vaccines Limited (India)

SK Plasma (Korea)

Sichuan Yuanda Shuyang Pharmaceutical Co., Ltd. (China)

Kamada (Israel)

Centurion Pharma (Istanbul)

Prothya Biosolutions (Netherlands)

PlasmaGen BioSciences Pvt. Ltd. (India)

Virchow Biotech Private Limited (India)

Fusion Healthcare (India)

Hemarus Therapeutics Limited (India)

#### Research Coverage:

This report provides a detailed picture of the plasma fractionation market. It aims at estimating the size and future growth potential of the market across different segments, such as the product, application, end-user, and region. The report also includes an in-depth competitive analysis of the key market players, along with their company profiles, recent developments, and key market strategies.

#### Reasons to Buy the Report:

The report provides insights on the following pointers:

Analysis of key drivers (growing use of immunoglobulins in various therapeutic areas, strategic expansion of plasma collection centers/inventories by market players, growing prevalence of respiratory diseases and AATD), restraints (high costs and limited reimbursements for plasma products, market disruption caused by recombinant alternatives), opportunities (government strategies increasing regional self-sufficiency), and challenges (stringent government regulations for maintaining safety and quality of plasma products) influencing the growth of the plasma fractionation market.

Product Development/Innovation: Detailed insights on upcoming technologies, research & development activities, and new product launches in the plasma

fractionation market.

**Market Development:** Comprehensive information about lucrative emerging markets. The report analyzes the markets for various plasma fractionation facilities across key geographic regions.

**Market Diversification:** Exhaustive information about new products, untapped geographies, recent developments, and investments in the plasma fractionation market.

**Competitive Assessment:** In-depth assessment of market ranking and strategies of the leading players like CSL (Australia), Takeda Pharmaceutical Company Limited (Japan), Grifols, S.A. (Spain), Octapharma AG (Switzerland), Kedrion S.P.A (Italy), among others in the plasma fractionation market.

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\*Details on Business Overview, Products Offered, Recent Developments, MnM View, Right to win, Strategic choices made, Weaknesses and competitive threats might not be captured in case of unlisted companies.

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## About

Plasma-derived products, obtained from plasma fractionation, include albumin, immunoglobulins, coagulation factor concentrates, and others. These products are used in various clinical specialties settings, such as neurology, hematology, immunology, and nephrology.

This research study involved the use of widespread secondary sources; directories; databases such as Hoovers, Bloomberg, Businessweek, Factiva, and OneSource; white papers; annual reports; company house documents; and SEC filings. Secondary research was used to identify and collect information for an extensive, technical, market-oriented, and commercial study of this global market. It was also used to obtain important information about top players, market classification, and segmentation according to industry trends to the bottom-most level, geographic markets, and key developments related to market and technology perspectives. A database of the key industry leaders was also prepared using secondary research.

In the primary research process, various sources from both supply and demand sides were interviewed to obtain qualitative and quantitative information for this report. The primary sources from the supply-side include industry experts such as CEOs, vice-presidents, marketing and sales directors, technology and innovation directors, and related key executives from various key companies and organizations operating in the plasma fractionation market. Primary sources from the demand-side include industry experts such as plasma products providers and owners of plasma fractionation facilities.

Primary research was conducted to identify segmentation types; industry trends; Porter's analysis; key players; competitive landscape of plasma products supplied by market players; and key market dynamics such as drivers, restraints, opportunities, burning issues, industry trends, and key player strategies.

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Product name: Plasma Fractionation Market by Product (Immunoglobulins, Albumin, Protease Inhibitors, von Willebrand Factor, PCC), Application (Neurology, Immunology, Hematology, Rheumatology), End User (Clinical Research, Hospitals & Clinics) - Global Forecast to 2028

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