



## Global Large Scale Plasma Separation Market Research Report 2026

【行业】:其他 【报告编码】:177708383869543

【出版时间】:1911-11-28 【订购热线】:+86 180 2246 3983

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【报告价格】: ¥0.00 中文电子版  
¥0.00 英文电子版  
¥0.00 中文+英文电子版

### 内容摘要

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The global Large Scale Plasma Separation market was valued at US\$ 5200 million in 2025 and is anticipated to reach US\$ 9324 million by 2032, at a CAGR of 8.7% from 2026 to 2032.

The gross profit margin of major companies in the industry is between 35%–55%.

Large Scale Plasma Separation refers to industrial-scale processes used to separate blood plasma from whole blood for medical and pharmaceutical applications. These systems use advanced centrifugation or membrane filtration technologies to isolate plasma components while maintaining the biological activity of proteins. The separated plasma is then used to produce plasma-derived therapies such as immunoglobulins, albumin, and clotting factors. Large-scale plasma separation facilities are essential for ensuring a stable supply of plasma-based medicines and supporting modern healthcare systems.

The industrial chain includes upstream blood collection systems, anticoagulant reagents, sterile containers, and laboratory equipment. Midstream processes involve plasma separation, purification, fractionation, and quality testing. Downstream applications include pharmaceutical companies producing plasma-derived medicines, hospitals, and healthcare institutions. Supporting services include cold-chain logistics, regulatory compliance, and quality assurance systems.

The large-scale plasma separation market is expanding as demand for plasma-derived therapeutics continues to increase globally. Plasma-based medicines such as immunoglobulins and clotting factors are widely used to treat immune deficiencies, bleeding disorders, and other medical conditions. Advances in plasma fractionation technology and biopharmaceutical processing are improving production efficiency and product safety. Increasing healthcare expenditure and the expansion of plasma collection programs are further supporting market growth. However, strict regulatory requirements and the complexity of plasma processing facilities can

influence industry development. Overall, growing demand for plasma-derived therapies is expected to drive sustained expansion in the large-scale plasma separation market.

This report delivers a comprehensive overview of the global Large Scale Plasma Separation market, with both quantitative and qualitative analyses, to help readers develop growth strategies, assess the competitive landscape, evaluate their position in the current market, and make informed business decisions regarding Large Scale Plasma Separation. The Large Scale Plasma Separation market size, estimates, and forecasts are provided in terms of revenue (US\$ millions), with 2025 as the base year and historical and forecast data for 2021–2032. The report segments the global Large Scale Plasma Separation market comprehensively. Regional market sizes by Type, by Application, by System Configuration, and by player are also provided. For deeper insight, the report profiles the competitive landscape, key competitors, and their respective market rankings, and discusses technological trends and new product developments.

This report will assist Large Scale Plasma Separation manufacturers, new entrants, and companies across the industry value chain with information on revenues, sales volume, and average prices for the overall market and its sub-segments, by company, by Type, by Application, and by region.

#### Market Segmentation

##### By Company

- Takeda
- CSL
- Grifols
- Octapharma
- Kedrion
- LFB Group
- Biotest
- BPL
- RAAS
- CBPO
- Hualan Bio
- Tiantan Bio
- Shuanglin Bio
- Boya Bio
- Yuanda Shuyang
- Weiguang Bio
- Nanyue Bio
- KM Biologics

##### Segment by Type

- Immune Globulin
- Coagulation Factor
- Albumin
- Others

##### Segment by System Configuration

- Standalone Plasma Separator
- Integrated Plasma Separation System
- Automated Plasma Processing Line

##### Segment by Processing Capacity

- Medium Capacity Plasma System
- Large Capacity Plasma System
- Ultra-large Capacity Plasma System

##### Segment by Application

- Blood Centers
- Pharmaceutical Companies
- Biotechnology Companies
- Other

##### By Region

- North America
  - U.S.
  - Canada
- Asia-Pacific
  - China
  - Japan
  - South Korea

Southeast Asia  
India  
Australia & New Zealand  
Rest of Asia  
Europe  
Germany  
France  
U.K.  
Italy  
Ireland  
Russia  
Rest of Europe  
Latin America  
Mexico  
Brazil  
Argentina  
Rest of Latin America  
Middle East & Africa  
Israel  
United Arab Emirates (UAE)  
Saudi Arabia  
Rest of MEA

#### Chapter Outline

Chapter 1: Defines the scope of the report and presents an executive summary of market segments (by Type, by Application, by System Configuration, etc.), including the size of each segment and its future growth potential. It offers a high-level view of the current market and its likely evolution in the short, medium, and long term.

Chapter 2: Summarizes global and regional market size and outlines market dynamics and recent developments, including key drivers, restraints, challenges and risks for industry participants, and relevant policy analysis.

Chapter 3: Provides a detailed view of the competitive landscape for Large Scale Plasma Separation companies, covering revenue share, development plans, and mergers and acquisitions.

Chapter 4: Analyzes segments by Type, detailing the size and growth potential of each segment to help readers identify blue-ocean opportunities.

Chapter 5: Analyzes segments by Application, detailing the size and growth potential of each downstream segment to help readers identify blue-ocean opportunities.

Chapter 6–10: Regional deep dives (North America, Europe, Asia Pacific, Latin America, Middle East & Africa) broken down by country. Each chapter quantifies market size and growth potential by region and key countries, and outlines market development, outlook, addressable space, and capacity.

Chapter 11: Profiles key players, presenting essential information on leading companies, including product/service offerings, revenue, gross margin, product introductions/portfolios, recent developments, etc.

Chapter 12: Key findings and conclusions of the report.