

Global Blood Typing Intermediates Market Growth 2026-2032

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Abstracts

The global Blood Typing Intermediates market size is predicted to grow from US\$ million in 2025 to US\$ million in 2032; it is expected to grow at a CAGR of %from 2026 to 2032.

Blood typing intermediates (FFMUs) refer to standardized materials used for further manufacturing of blood typing reagents or devices. Specifically, these intermediates are usually derived from cell culture supernatants of cell lines expressing human or mouse monoclonal antibodies. These supernatants are processed and standardized to ensure that they contain specific types and concentrations of antibodies that can recognize blood group antigens on red blood cells.

Blood typing intermediates are mainly used to prepare finished blood typing reagents or devices. Manufacturers can prepare finished reagents or devices by themselves according to the reaction characteristics required for a specific application by diluting, mixing (if applicable) and adding chemicals. These finished reagents or devices have a wide range of applications in the fields of medical treatment, blood transfusion, organ transplantation, paternity testing, etc.

Blood typing is classified according to the blood group antigens contained in human blood. The specific alloantigens (such as A antigen, B antigen) present on red blood cells react with the corresponding antibodies (such as anti-A antibody, anti-B antibody) present in the serum to form antigen-antibody complexes, which leads to red blood cell agglutination. By observing the phenomenon of red blood cell agglutination, the blood type can be determined.

The existence of blood typing intermediates provides standardized raw materials for the

manufacture of blood typing reagents, ensuring the accuracy and reliability of blood typing results. At the same time, these intermediates also provide strong support for the development of blood typing technology, promoting progress in medical treatment, blood transfusion, organ transplantation and other fields.

As an important part of the manufacturing process of blood typing reagents, the current status and dynamics of the market development of blood typing intermediates (FFMU) are mainly affected by multiple factors. The following is an analysis of the current status and dynamics of the market development of blood typing intermediates:

First, with the continuous advancement of medical technology and the increasing attention people pay to health, blood typing is increasingly used in blood transfusion, organ transplantation, paternity testing and other fields, thus driving the growth of the blood typing reagent market. As the raw material of blood typing reagents, the market demand for blood typing intermediates has also increased. Especially in scenarios such as emergency blood transfusion and organ transplantation, higher requirements are placed on the accuracy and timeliness of blood typing results, which further promotes the development of the blood typing intermediate market.

In addition, with the continuous development of biotechnology and molecular biology technology, blood typing technology is also constantly improving. New blood typing methods and reagents continue to emerge, which puts higher requirements on the quality and performance of blood typing intermediates. At the same time, technological progress has also promoted the standardization and large-scale production of blood typing intermediates, reduced production costs and improved production efficiency.

In summary, the blood typing intermediate market will continue to grow in the future.

LP Information, Inc. (LPI) ' newest research report, the "Blood Typing Intermediates Industry Forecast" looks at past sales and reviews total world Blood Typing Intermediates sales in 2025, providing a comprehensive analysis by region and market sector of projected Blood Typing Intermediates sales for 2026 through 2032. With Blood Typing Intermediates sales broken down by region, market sector and sub-sector, this report provides a detailed analysis in US\$ millions of the world Blood Typing Intermediates industry.

This Insight Report provides a comprehensive analysis of the global Blood Typing Intermediates landscape and highlights key trends related to product segmentation, company formation, revenue, and market share, latest development, and M&A activity.

This report also analyzes the strategies of leading global companies with a focus on Blood Typing Intermediates portfolios and capabilities, market entry strategies, market positions, and geographic footprints, to better understand these firms' unique position in an accelerating global Blood Typing Intermediates market.

This Insight Report evaluates the key market trends, drivers, and affecting factors shaping the global outlook for Blood Typing Intermediates and breaks down the forecast by Type, by Application, geography, and market size to highlight emerging pockets of opportunity. With a transparent methodology based on hundreds of bottom-up qualitative and quantitative market inputs, this study forecast offers a highly nuanced view of the current state and future trajectory in the global Blood Typing Intermediates.

This report presents a comprehensive overview, market shares, and growth opportunities of Blood Typing Intermediates market by product type, application, key manufacturers and key regions and countries.

Segmentation by Type:

Positive Stereotype

Negative Stereotype

Other

Segmentation by Application:

Medical

Scientific Research

Other

This report also splits the market by region:

Americas

United States

Canada

Mexico

Brazil

APAC

China

Japan

Korea

Southeast Asia

India

Australia

Europe

Germany

France

UK

Italy

Russia

Middle East & Africa

Egypt

South Africa

Israel

Turkey

GCC Countries

The below companies that are profiled have been selected based on inputs gathered from primary experts and analysing the company's coverage, product portfolio, its market penetration.

Merck

Sigma-Aldrich

Millipore

Molecular

Fujifilm Wako Pure Chemical Corporation

Aldrich Chemistry

Tokyo Chemical Industry

Bioxun Biotech

Runpu Biotechnology

CarboMer

Cayman Chemical

Alfa Aesar

Tocris Bioscience

Porton Pharma Solutions

Lianhe Chemical Technology

Key Questions Addressed in this Report

What is the 10-year outlook for the global Blood Typing Intermediates market?

What factors are driving Blood Typing Intermediates market growth, globally and by region?

Which technologies are poised for the fastest growth by market and region?

How do Blood Typing Intermediates market opportunities vary by end market size?

How does Blood Typing Intermediates break out by Type, by Application?

Contents

1 SCOPE OF THE REPORT

- 1.1 Market Introduction
- 1.2 Years Considered
- 1.3 Research Objectives
- 1.4 Market Research Methodology
- 1.5 Research Process and Data Source
- 1.6 Economic Indicators
- 1.7 Currency Considered
- 1.8 Market Estimation Caveats

2 EXECUTIVE SUMMARY

- 2.1 World Market Overview
 - 2.1.1 Global Blood Typing Intermediates Annual Sales 2021-2032
 - 2.1.2 World Current & Future Analysis for Blood Typing Intermediates by Geographic Region, 2021, 2025 & 2032
 - 2.1.3 World Current & Future Analysis for Blood Typing Intermediates by Country/Region, 2021, 2025 & 2032
- 2.2 Blood Typing Intermediates Segment by Type
 - 2.2.1 Positive Stereotype
 - 2.2.2 Negative Stereotype
 - 2.2.3 Other
 - 2.2.4 Blood Typing Intermediates Sales by Type
 - 2.2.4.1 Global Blood Typing Intermediates Sales Market Share by Type (2021-2026)
 - 2.2.4.2 Global Blood Typing Intermediates Revenue and Market Share by Type (2021-2026)
 - 2.2.4.3 Global Blood Typing Intermediates Sale Price by Type (2021-2026)
- 2.3 Blood Typing Intermediates Segment by Application
 - 2.3.1 Medical
 - 2.3.2 Scientific Research
 - 2.3.3 Other
 - 2.3.4 Blood Typing Intermediates Sales by Application
 - 2.3.4.1 Global Blood Typing Intermediates Sale Market Share by Application (2021-2026)
 - 2.3.4.2 Global Blood Typing Intermediates Revenue and Market Share by Application (2021-2026)

2.3.4.3 Global Blood Typing Intermediates Sale Price by Application (2021-2026)

3 GLOBAL BY COMPANY

3.1 Global Blood Typing Intermediates Breakdown Data by Company

3.1.1 Global Blood Typing Intermediates Annual Sales by Company (2021-2026)

3.1.2 Global Blood Typing Intermediates Sales Market Share by Company (2021-2026)

3.2 Global Blood Typing Intermediates Annual Revenue by Company (2021-2026)

3.2.1 Global Blood Typing Intermediates Revenue by Company (2021-2026)

3.2.2 Global Blood Typing Intermediates Revenue Market Share by Company (2021-2026)

3.3 Global Blood Typing Intermediates Sale Price by Company

3.4 Key Manufacturers Blood Typing Intermediates Producing Area Distribution, Sales Area, Product Type

3.4.1 Key Manufacturers Blood Typing Intermediates Product Location Distribution

3.4.2 Players Blood Typing Intermediates Products Offered

3.5 Market Concentration Rate Analysis

3.5.1 Competition Landscape Analysis

3.5.2 Concentration Ratio (CR3, CR5 and CR10) & (2024-2026)

3.6 New Products and Potential Entrants

3.7 Market M&A Activity & Strategy

4 WORLD HISTORIC REVIEW FOR BLOOD TYPING INTERMEDIATES BY GEOGRAPHIC REGION

4.1 World Historic Blood Typing Intermediates Market Size by Geographic Region (2021-2026)

4.1.1 Global Blood Typing Intermediates Annual Sales by Geographic Region (2021-2026)

4.1.2 Global Blood Typing Intermediates Annual Revenue by Geographic Region (2021-2026)

4.2 World Historic Blood Typing Intermediates Market Size by Country/Region (2021-2026)

4.2.1 Global Blood Typing Intermediates Annual Sales by Country/Region (2021-2026)

4.2.2 Global Blood Typing Intermediates Annual Revenue by Country/Region (2021-2026)

4.3 Americas Blood Typing Intermediates Sales Growth

4.4 APAC Blood Typing Intermediates Sales Growth

4.5 Europe Blood Typing Intermediates Sales Growth

4.6 Middle East & Africa Blood Typing Intermediates Sales Growth

5 AMERICAS

5.1 Americas Blood Typing Intermediates Sales by Country

5.1.1 Americas Blood Typing Intermediates Sales by Country (2021-2026)

5.1.2 Americas Blood Typing Intermediates Revenue by Country (2021-2026)

5.2 Americas Blood Typing Intermediates Sales by Type (2021-2026)

5.3 Americas Blood Typing Intermediates Sales by Application (2021-2026)

5.4 United States

5.5 Canada

5.6 Mexico

5.7 Brazil

6 APAC

6.1 APAC Blood Typing Intermediates Sales by Region

6.1.1 APAC Blood Typing Intermediates Sales by Region (2021-2026)

6.1.2 APAC Blood Typing Intermediates Revenue by Region (2021-2026)

6.2 APAC Blood Typing Intermediates Sales by Type (2021-2026)

6.3 APAC Blood Typing Intermediates Sales by Application (2021-2026)

6.4 China

6.5 Japan

6.6 South Korea

6.7 Southeast Asia

6.8 India

6.9 Australia

6.10 China Taiwan

7 EUROPE

7.1 Europe Blood Typing Intermediates by Country

7.1.1 Europe Blood Typing Intermediates Sales by Country (2021-2026)

7.1.2 Europe Blood Typing Intermediates Revenue by Country (2021-2026)

7.2 Europe Blood Typing Intermediates Sales by Type (2021-2026)

7.3 Europe Blood Typing Intermediates Sales by Application (2021-2026)

7.4 Germany

7.5 France

7.6 UK

7.7 Italy

7.8 Russia

8 MIDDLE EAST & AFRICA

8.1 Middle East & Africa Blood Typing Intermediates by Country

8.1.1 Middle East & Africa Blood Typing Intermediates Sales by Country (2021-2026)

8.1.2 Middle East & Africa Blood Typing Intermediates Revenue by Country
(2021-2026)

8.2 Middle East & Africa Blood Typing Intermediates Sales by Type (2021-2026)

8.3 Middle East & Africa Blood Typing Intermediates Sales by Application (2021-2026)

8.4 Egypt

8.5 South Africa

8.6 Israel

8.7 Turkey

8.8 GCC Countries

9 MARKET DRIVERS, CHALLENGES AND TRENDS

9.1 Market Drivers & Growth Opportunities

9.2 Market Challenges & Risks

9.3 Industry Trends

10 MANUFACTURING COST STRUCTURE ANALYSIS

10.1 Raw Material and Suppliers

10.2 Manufacturing Cost Structure Analysis of Blood Typing Intermediates

10.3 Manufacturing Process Analysis of Blood Typing Intermediates

10.4 Industry Chain Structure of Blood Typing Intermediates

11 MARKETING, DISTRIBUTORS AND CUSTOMER

11.1 Sales Channel

11.1.1 Direct Channels

11.1.2 Indirect Channels

11.2 Blood Typing Intermediates Distributors

11.3 Blood Typing Intermediates Customer

12 WORLD FORECAST REVIEW FOR BLOOD TYPING INTERMEDIATES BY GEOGRAPHIC REGION

12.1 Global Blood Typing Intermediates Market Size Forecast by Region

12.1.1 Global Blood Typing Intermediates Forecast by Region (2027-2032)

12.1.2 Global Blood Typing Intermediates Annual Revenue Forecast by Region (2027-2032)

12.2 Americas Forecast by Country (2027-2032)

12.3 APAC Forecast by Region (2027-2032)

12.4 Europe Forecast by Country (2027-2032)

12.5 Middle East & Africa Forecast by Country (2027-2032)

12.6 Global Blood Typing Intermediates Forecast by Type (2027-2032)

12.7 Global Blood Typing Intermediates Forecast by Application (2027-2032)

13 KEY PLAYERS ANALYSIS

13.1 Merck

13.1.1 Merck Company Information

13.1.2 Merck Blood Typing Intermediates Product Portfolios and Specifications

13.1.3 Merck Blood Typing Intermediates Sales, Revenue, Price and Gross Margin (2021-2026)

13.1.4 Merck Main Business Overview

13.1.5 Merck Latest Developments

13.2 Sigma-Aldrich

13.2.1 Sigma-Aldrich Company Information

13.2.2 Sigma-Aldrich Blood Typing Intermediates Product Portfolios and Specifications

13.2.3 Sigma-Aldrich Blood Typing Intermediates Sales, Revenue, Price and Gross Margin (2021-2026)

13.2.4 Sigma-Aldrich Main Business Overview

13.2.5 Sigma-Aldrich Latest Developments

13.3 Millipore

13.3.1 Millipore Company Information

13.3.2 Millipore Blood Typing Intermediates Product Portfolios and Specifications

13.3.3 Millipore Blood Typing Intermediates Sales, Revenue, Price and Gross Margin (2021-2026)

13.3.4 Millipore Main Business Overview

13.3.5 Millipore Latest Developments

13.4 Molecular

13.4.1 Molecular Company Information

- 13.4.2 Molecular Blood Typing Intermediates Product Portfolios and Specifications
- 13.4.3 Molecular Blood Typing Intermediates Sales, Revenue, Price and Gross Margin (2021-2026)
- 13.4.4 Molecular Main Business Overview
- 13.4.5 Molecular Latest Developments
- 13.5 Fujifilm Wako Pure Chemical Corporation
 - 13.5.1 Fujifilm Wako Pure Chemical Corporation Company Information
 - 13.5.2 Fujifilm Wako Pure Chemical Corporation Blood Typing Intermediates Product Portfolios and Specifications
 - 13.5.3 Fujifilm Wako Pure Chemical Corporation Blood Typing Intermediates Sales, Revenue, Price and Gross Margin (2021-2026)
 - 13.5.4 Fujifilm Wako Pure Chemical Corporation Main Business Overview
 - 13.5.5 Fujifilm Wako Pure Chemical Corporation Latest Developments
- 13.6 Aldrich Chemistry
 - 13.6.1 Aldrich Chemistry Company Information
 - 13.6.2 Aldrich Chemistry Blood Typing Intermediates Product Portfolios and Specifications
 - 13.6.3 Aldrich Chemistry Blood Typing Intermediates Sales, Revenue, Price and Gross Margin (2021-2026)
 - 13.6.4 Aldrich Chemistry Main Business Overview
 - 13.6.5 Aldrich Chemistry Latest Developments
- 13.7 Tokyo Chemical Industry
 - 13.7.1 Tokyo Chemical Industry Company Information
 - 13.7.2 Tokyo Chemical Industry Blood Typing Intermediates Product Portfolios and Specifications
 - 13.7.3 Tokyo Chemical Industry Blood Typing Intermediates Sales, Revenue, Price and Gross Margin (2021-2026)
 - 13.7.4 Tokyo Chemical Industry Main Business Overview
 - 13.7.5 Tokyo Chemical Industry Latest Developments
- 13.8 Bioxun Biotech
 - 13.8.1 Bioxun Biotech Company Information
 - 13.8.2 Bioxun Biotech Blood Typing Intermediates Product Portfolios and Specifications
 - 13.8.3 Bioxun Biotech Blood Typing Intermediates Sales, Revenue, Price and Gross Margin (2021-2026)
 - 13.8.4 Bioxun Biotech Main Business Overview
 - 13.8.5 Bioxun Biotech Latest Developments
- 13.9 Runpu Biotechnology
 - 13.9.1 Runpu Biotechnology Company Information

13.9.2 Runpu Biotechnology Blood Typing Intermediates Product Portfolios and Specifications

13.9.3 Runpu Biotechnology Blood Typing Intermediates Sales, Revenue, Price and Gross Margin (2021-2026)

13.9.4 Runpu Biotechnology Main Business Overview

13.9.5 Runpu Biotechnology Latest Developments

13.10 CarboMer

13.10.1 CarboMer Company Information

13.10.2 CarboMer Blood Typing Intermediates Product Portfolios and Specifications

13.10.3 CarboMer Blood Typing Intermediates Sales, Revenue, Price and Gross Margin (2021-2026)

13.10.4 CarboMer Main Business Overview

13.10.5 CarboMer Latest Developments

13.11 Cayman Chemical

13.11.1 Cayman Chemical Company Information

13.11.2 Cayman Chemical Blood Typing Intermediates Product Portfolios and Specifications

13.11.3 Cayman Chemical Blood Typing Intermediates Sales, Revenue, Price and Gross Margin (2021-2026)

13.11.4 Cayman Chemical Main Business Overview

13.11.5 Cayman Chemical Latest Developments

13.12 Alfa Aesar

13.12.1 Alfa Aesar Company Information

13.12.2 Alfa Aesar Blood Typing Intermediates Product Portfolios and Specifications

13.12.3 Alfa Aesar Blood Typing Intermediates Sales, Revenue, Price and Gross Margin (2021-2026)

13.12.4 Alfa Aesar Main Business Overview

13.12.5 Alfa Aesar Latest Developments

13.13 Tocris Bioscience

13.13.1 Tocris Bioscience Company Information

13.13.2 Tocris Bioscience Blood Typing Intermediates Product Portfolios and Specifications

13.13.3 Tocris Bioscience Blood Typing Intermediates Sales, Revenue, Price and Gross Margin (2021-2026)

13.13.4 Tocris Bioscience Main Business Overview

13.13.5 Tocris Bioscience Latest Developments

13.14 Porton Pharma Solutions

13.14.1 Porton Pharma Solutions Company Information

13.14.2 Porton Pharma Solutions Blood Typing Intermediates Product Portfolios and

Specifications

13.14.3 Porton Pharma Solutions Blood Typing Intermediates Sales, Revenue, Price and Gross Margin (2021-2026)

13.14.4 Porton Pharma Solutions Main Business Overview

13.14.5 Porton Pharma Solutions Latest Developments

13.15 Lianhe Chemical Technology

13.15.1 Lianhe Chemical Technology Company Information

13.15.2 Lianhe Chemical Technology Blood Typing Intermediates Product Portfolios and Specifications

13.15.3 Lianhe Chemical Technology Blood Typing Intermediates Sales, Revenue, Price and Gross Margin (2021-2026)

13.15.4 Lianhe Chemical Technology Main Business Overview

13.15.5 Lianhe Chemical Technology Latest Developments

14 RESEARCH FINDINGS AND CONCLUSION

List Of Tables

LIST OF TABLES

Table 1. Blood Typing Intermediates Annual Sales CAGR by Geographic Region (2021, 2025 & 2032) & (\$ millions)

Table 2. Blood Typing Intermediates Annual Sales CAGR by Country/Region (2021, 2025 & 2032) & (\$ millions)

Table 3. Major Players of Positive Stereotype

Table 4. Major Players of Negative Stereotype

Table 5. Major Players of Other

Table 6. Global Blood Typing Intermediates Sales by Type (2021-2026) & (L)

Table 7. Global Blood Typing Intermediates Sales Market Share by Type (2021-2026)

Table 8. Global Blood Typing Intermediates Revenue by Type (2021-2026) & (\$ million)

Table 9. Global Blood Typing Intermediates Revenue Market Share by Type (2021-2026)

Table 10. Global Blood Typing Intermediates Sale Price by Type (2021-2026) & (US\$/ml)

Table 11. Global Blood Typing Intermediates Sale by Application (2021-2026) & (L)

Table 12. Global Blood Typing Intermediates Sale Market Share by Application (2021-2026)

Table 13. Global Blood Typing Intermediates Revenue by Application (2021-2026) & (\$ million)

Table 14. Global Blood Typing Intermediates Revenue Market Share by Application (2021-2026)

Table 15. Global Blood Typing Intermediates Sale Price by Application (2021-2026) & (US\$/ml)

Table 16. Global Blood Typing Intermediates Sales by Company (2021-2026) & (L)

Table 17. Global Blood Typing Intermediates Sales Market Share by Company (2021-2026)

Table 18. Global Blood Typing Intermediates Revenue by Company (2021-2026) & (\$ millions)

Table 19. Global Blood Typing Intermediates Revenue Market Share by Company (2021-2026)

Table 20. Global Blood Typing Intermediates Sale Price by Company (2021-2026) & (US\$/ml)

Table 21. Key Manufacturers Blood Typing Intermediates Producing Area Distribution and Sales Area

Table 22. Players Blood Typing Intermediates Products Offered

Table 23. Blood Typing Intermediates Concentration Ratio (CR3, CR5 and CR10) & (2024-2026)

Table 24. New Products and Potential Entrants

Table 25. Market M&A Activity & Strategy

Table 26. Global Blood Typing Intermediates Sales by Geographic Region (2021-2026) & (L)

Table 27. Global Blood Typing Intermediates Sales Market Share Geographic Region (2021-2026)

Table 28. Global Blood Typing Intermediates Revenue by Geographic Region (2021-2026) & (\$ millions)

Table 29. Global Blood Typing Intermediates Revenue Market Share by Geographic Region (2021-2026)

Table 30. Global Blood Typing Intermediates Sales by Country/Region (2021-2026) & (L)

Table 31. Global Blood Typing Intermediates Sales Market Share by Country/Region (2021-2026)

Table 32. Global Blood Typing Intermediates Revenue by Country/Region (2021-2026) & (\$ millions)

Table 33. Global Blood Typing Intermediates Revenue Market Share by Country/Region (2021-2026)

Table 34. Americas Blood Typing Intermediates Sales by Country (2021-2026) & (L)

Table 35. Americas Blood Typing Intermediates Sales Market Share by Country (2021-2026)

Table 36. Americas Blood Typing Intermediates Revenue by Country (2021-2026) & (\$ millions)

Table 37. Americas Blood Typing Intermediates Sales by Type (2021-2026) & (L)

Table 38. Americas Blood Typing Intermediates Sales by Application (2021-2026) & (L)

Table 39. APAC Blood Typing Intermediates Sales by Region (2021-2026) & (L)

Table 40. APAC Blood Typing Intermediates Sales Market Share by Region (2021-2026)

Table 41. APAC Blood Typing Intermediates Revenue by Region (2021-2026) & (\$ millions)

Table 42. APAC Blood Typing Intermediates Sales by Type (2021-2026) & (L)

Table 43. APAC Blood Typing Intermediates Sales by Application (2021-2026) & (L)

Table 44. Europe Blood Typing Intermediates Sales by Country (2021-2026) & (L)

Table 45. Europe Blood Typing Intermediates Revenue by Country (2021-2026) & (\$ millions)

Table 46. Europe Blood Typing Intermediates Sales by Type (2021-2026) & (L)

Table 47. Europe Blood Typing Intermediates Sales by Application (2021-2026) & (L)

Table 48. Middle East & Africa Blood Typing Intermediates Sales by Country (2021-2026) & (L)
Table 49. Middle East & Africa Blood Typing Intermediates Revenue Market Share by Country (2021-2026)
Table 50. Middle East & Africa Blood Typing Intermediates Sales by Type (2021-2026) & (L)
Table 51. Middle East & Africa Blood Typing Intermediates Sales by Application (2021-2026) & (L)
Table 52. Key Market Drivers & Growth Opportunities of Blood Typing Intermediates
Table 53. Key Market Challenges & Risks of Blood Typing Intermediates
Table 54. Key Industry Trends of Blood Typing Intermediates
Table 55. Blood Typing Intermediates Raw Material
Table 56. Key Suppliers of Raw Materials
Table 57. Blood Typing Intermediates Distributors List
Table 58. Blood Typing Intermediates Customer List
Table 59. Global Blood Typing Intermediates Sales Forecast by Region (2027-2032) & (L)
Table 60. Global Blood Typing Intermediates Revenue Forecast by Region (2027-2032) & (\$ millions)
Table 61. Americas Blood Typing Intermediates Sales Forecast by Country (2027-2032) & (L)
Table 62. Americas Blood Typing Intermediates Annual Revenue Forecast by Country (2027-2032) & (\$ millions)
Table 63. APAC Blood Typing Intermediates Sales Forecast by Region (2027-2032) & (L)
Table 64. APAC Blood Typing Intermediates Annual Revenue Forecast by Region (2027-2032) & (\$ millions)
Table 65. Europe Blood Typing Intermediates Sales Forecast by Country (2027-2032) & (L)
Table 66. Europe Blood Typing Intermediates Revenue Forecast by Country (2027-2032) & (\$ millions)
Table 67. Middle East & Africa Blood Typing Intermediates Sales Forecast by Country (2027-2032) & (L)
Table 68. Middle East & Africa Blood Typing Intermediates Revenue Forecast by Country (2027-2032) & (\$ millions)
Table 69. Global Blood Typing Intermediates Sales Forecast by Type (2027-2032) & (L)
Table 70. Global Blood Typing Intermediates Revenue Forecast by Type (2027-2032) & (\$ millions)
Table 71. Global Blood Typing Intermediates Sales Forecast by Application (2027-2032)

& (L)

Table 72. Global Blood Typing Intermediates Revenue Forecast by Application (2027-2032) & (\$ millions)

Table 73. Merck Basic Information, Blood Typing Intermediates Manufacturing Base, Sales Area and Its Competitors

Table 74. Merck Blood Typing Intermediates Product Portfolios and Specifications

Table 75. Merck Blood Typing Intermediates Sales (L), Revenue (\$ Million), Price (US\$/ml) and Gross Margin (2021-2026)

Table 76. Merck Main Business

Table 77. Merck Latest Developments

Table 78. Sigma-Aldrich Basic Information, Blood Typing Intermediates Manufacturing Base, Sales Area and Its Competitors

Table 79. Sigma-Aldrich Blood Typing Intermediates Product Portfolios and Specifications

Table 80. Sigma-Aldrich Blood Typing Intermediates Sales (L), Revenue (\$ Million), Price (US\$/ml) and Gross Margin (2021-2026)

Table 81. Sigma-Aldrich Main Business

Table 82. Sigma-Aldrich Latest Developments

Table 83. Millipore Basic Information, Blood Typing Intermediates Manufacturing Base, Sales Area and Its Competitors

Table 84. Millipore Blood Typing Intermediates Product Portfolios and Specifications

Table 85. Millipore Blood Typing Intermediates Sales (L), Revenue (\$ Million), Price (US\$/ml) and Gross Margin (2021-2026)

Table 86. Millipore Main Business

Table 87. Millipore Latest Developments

Table 88. Molecular Basic Information, Blood Typing Intermediates Manufacturing Base, Sales Area and Its Competitors

Table 89. Molecular Blood Typing Intermediates Product Portfolios and Specifications

Table 90. Molecular Blood Typing Intermediates Sales (L), Revenue (\$ Million), Price (US\$/ml) and Gross Margin (2021-2026)

Table 91. Molecular Main Business

Table 92. Molecular Latest Developments

Table 93. Fujifilm Wako Pure Chemical Corporation Basic Information, Blood Typing Intermediates Manufacturing Base, Sales Area and Its Competitors

Table 94. Fujifilm Wako Pure Chemical Corporation Blood Typing Intermediates Product Portfolios and Specifications

Table 95. Fujifilm Wako Pure Chemical Corporation Blood Typing Intermediates Sales (L), Revenue (\$ Million), Price (US\$/ml) and Gross Margin (2021-2026)

Table 96. Fujifilm Wako Pure Chemical Corporation Main Business

Table 97. Fujifilm Wako Pure Chemical Corporation Latest Developments

Table 98. Aldrich Chemistry Basic Information, Blood Typing Intermediates Manufacturing Base, Sales Area and Its Competitors

Table 99. Aldrich Chemistry Blood Typing Intermediates Product Portfolios and Specifications

Table 100. Aldrich Chemistry Blood Typing Intermediates Sales (L), Revenue (\$ Million), Price (US\$/ml) and Gross Margin (2021-2026)

Table 101. Aldrich Chemistry Main Business

Table 102. Aldrich Chemistry Latest Developments

Table 103. Tokyo Chemical Industry Basic Information, Blood Typing Intermediates Manufacturing Base, Sales Area and Its Competitors

Table 104. Tokyo Chemical Industry Blood Typing Intermediates Product Portfolios and Specifications

Table 105. Tokyo Chemical Industry Blood Typing Intermediates Sales (L), Revenue (\$ Million), Price (US\$/ml) and Gross Margin (2021-2026)

Table 106. Tokyo Chemical Industry Main Business

Table 107. Tokyo Chemical Industry Latest Developments

Table 108. Bioxun Biotech Basic Information, Blood Typing Intermediates Manufacturing Base, Sales Area and Its Competitors

Table 109. Bioxun Biotech Blood Typing Intermediates Product Portfolios and Specifications

Table 110. Bioxun Biotech Blood Typing Intermediates Sales (L), Revenue (\$ Million), Price (US\$/ml) and Gross Margin (2021-2026)

Table 111. Bioxun Biotech Main Business

Table 112. Bioxun Biotech Latest Developments

Table 113. Runpu Biotechnology Basic Information, Blood Typing Intermediates Manufacturing Base, Sales Area and Its Competitors

Table 114. Runpu Biotechnology Blood Typing Intermediates Product Portfolios and Specifications

Table 115. Runpu Biotechnology Blood Typing Intermediates Sales (L), Revenue (\$ Million), Price (US\$/ml) and Gross Margin (2021-2026)

Table 116. Runpu Biotechnology Main Business

Table 117. Runpu Biotechnology Latest Developments

Table 118. CarboMer Basic Information, Blood Typing Intermediates Manufacturing Base, Sales Area and Its Competitors

Table 119. CarboMer Blood Typing Intermediates Product Portfolios and Specifications

Table 120. CarboMer Blood Typing Intermediates Sales (L), Revenue (\$ Million), Price (US\$/ml) and Gross Margin (2021-2026)

Table 121. CarboMer Main Business

Table 122. CarboMer Latest Developments

Table 123. Cayman Chemical Basic Information, Blood Typing Intermediates Manufacturing Base, Sales Area and Its Competitors

Table 124. Cayman Chemical Blood Typing Intermediates Product Portfolios and Specifications

Table 125. Cayman Chemical Blood Typing Intermediates Sales (L), Revenue (\$ Million), Price (US\$/ml) and Gross Margin (2021-2026)

Table 126. Cayman Chemical Main Business

Table 127. Cayman Chemical Latest Developments

Table 128. Alfa Aesar Basic Information, Blood Typing Intermediates Manufacturing Base, Sales Area and Its Competitors

Table 129. Alfa Aesar Blood Typing Intermediates Product Portfolios and Specifications

Table 130. Alfa Aesar Blood Typing Intermediates Sales (L), Revenue (\$ Million), Price (US\$/ml) and Gross Margin (2021-2026)

Table 131. Alfa Aesar Main Business

Table 132. Alfa Aesar Latest Developments

Table 133. Tocris Bioscience Basic Information, Blood Typing Intermediates Manufacturing Base, Sales Area and Its Competitors

Table 134. Tocris Bioscience Blood Typing Intermediates Product Portfolios and Specifications

Table 135. Tocris Bioscience Blood Typing Intermediates Sales (L), Revenue (\$ Million), Price (US\$/ml) and Gross Margin (2021-2026)

Table 136. Tocris Bioscience Main Business

Table 137. Tocris Bioscience Latest Developments

Table 138. Porton Pharma Solutions Basic Information, Blood Typing Intermediates Manufacturing Base, Sales Area and Its Competitors

Table 139. Porton Pharma Solutions Blood Typing Intermediates Product Portfolios and Specifications

Table 140. Porton Pharma Solutions Blood Typing Intermediates Sales (L), Revenue (\$ Million), Price (US\$/ml) and Gross Margin (2021-2026)

Table 141. Porton Pharma Solutions Main Business

Table 142. Porton Pharma Solutions Latest Developments

Table 143. Lianhe Chemical Technology Basic Information, Blood Typing Intermediates Manufacturing Base, Sales Area and Its Competitors

Table 144. Lianhe Chemical Technology Blood Typing Intermediates Product Portfolios and Specifications

Table 145. Lianhe Chemical Technology Blood Typing Intermediates Sales (L), Revenue (\$ Million), Price (US\$/ml) and Gross Margin (2021-2026)

Table 146. Lianhe Chemical Technology Main Business

Table 147. Lianhe Chemical Technology Latest Developments

List Of Figures

LIST OF FIGURES

- Figure 1. Picture of Blood Typing Intermediates
- Figure 2. Blood Typing Intermediates Report Years Considered
- Figure 3. Research Objectives
- Figure 4. Research Methodology
- Figure 5. Research Process and Data Source
- Figure 6. Global Blood Typing Intermediates Sales Growth Rate 2021-2032 (L)
- Figure 7. Global Blood Typing Intermediates Revenue Growth Rate 2021-2032 (\$ millions)
- Figure 8. Blood Typing Intermediates Sales by Geographic Region (2021, 2025 & 2032) & (\$ millions)
- Figure 9. Blood Typing Intermediates Sales Market Share by Country/Region (2025)
- Figure 10. Blood Typing Intermediates Sales Market Share by Country/Region (2021, 2025 & 2032)
- Figure 11. Product Picture of Positive Stereotype
- Figure 12. Product Picture of Negative Stereotype
- Figure 13. Product Picture of Other
- Figure 14. Global Blood Typing Intermediates Sales Market Share by Type in 2026
- Figure 15. Global Blood Typing Intermediates Revenue Market Share by Type (2021-2026)
- Figure 16. Blood Typing Intermediates Consumed in Medical
- Figure 17. Global Blood Typing Intermediates Market: Medical (2021-2026) & (L)
- Figure 18. Blood Typing Intermediates Consumed in Scientific Research
- Figure 19. Global Blood Typing Intermediates Market: Scientific Research (2021-2026) & (L)
- Figure 20. Blood Typing Intermediates Consumed in Other
- Figure 21. Global Blood Typing Intermediates Market: Other (2021-2026) & (L)
- Figure 22. Global Blood Typing Intermediates Sale Market Share by Application (2025)
- Figure 23. Global Blood Typing Intermediates Revenue Market Share by Application in 2026
- Figure 24. Blood Typing Intermediates Sales by Company in 2026 (L)
- Figure 25. Global Blood Typing Intermediates Sales Market Share by Company in 2026
- Figure 26. Blood Typing Intermediates Revenue by Company in 2026 (\$ millions)
- Figure 27. Global Blood Typing Intermediates Revenue Market Share by Company in 2026
- Figure 28. Global Blood Typing Intermediates Sales Market Share by Geographic

Region (2021-2026)

Figure 29. Global Blood Typing Intermediates Revenue Market Share by Geographic Region in 2026

Figure 30. Americas Blood Typing Intermediates Sales 2021-2026 (L)

Figure 31. Americas Blood Typing Intermediates Revenue 2021-2026 (\$ millions)

Figure 32. APAC Blood Typing Intermediates Sales 2021-2026 (L)

Figure 33. APAC Blood Typing Intermediates Revenue 2021-2026 (\$ millions)

Figure 34. Europe Blood Typing Intermediates Sales 2021-2026 (L)

Figure 35. Europe Blood Typing Intermediates Revenue 2021-2026 (\$ millions)

Figure 36. Middle East & Africa Blood Typing Intermediates Sales 2021-2026 (L)

Figure 37. Middle East & Africa Blood Typing Intermediates Revenue 2021-2026 (\$ millions)

Figure 38. Americas Blood Typing Intermediates Sales Market Share by Country in 2026

Figure 39. Americas Blood Typing Intermediates Revenue Market Share by Country (2021-2026)

Figure 40. Americas Blood Typing Intermediates Sales Market Share by Type (2021-2026)

Figure 41. Americas Blood Typing Intermediates Sales Market Share by Application (2021-2026)

Figure 42. United States Blood Typing Intermediates Revenue Growth 2021-2026 (\$ millions)

Figure 43. Canada Blood Typing Intermediates Revenue Growth 2021-2026 (\$ millions)

Figure 44. Mexico Blood Typing Intermediates Revenue Growth 2021-2026 (\$ millions)

Figure 45. Brazil Blood Typing Intermediates Revenue Growth 2021-2026 (\$ millions)

Figure 46. APAC Blood Typing Intermediates Sales Market Share by Region in 2026

Figure 47. APAC Blood Typing Intermediates Revenue Market Share by Region (2021-2026)

Figure 48. APAC Blood Typing Intermediates Sales Market Share by Type (2021-2026)

Figure 49. APAC Blood Typing Intermediates Sales Market Share by Application (2021-2026)

Figure 50. China Blood Typing Intermediates Revenue Growth 2021-2026 (\$ millions)

Figure 51. Japan Blood Typing Intermediates Revenue Growth 2021-2026 (\$ millions)

Figure 52. South Korea Blood Typing Intermediates Revenue Growth 2021-2026 (\$ millions)

Figure 53. Southeast Asia Blood Typing Intermediates Revenue Growth 2021-2026 (\$ millions)

Figure 54. India Blood Typing Intermediates Revenue Growth 2021-2026 (\$ millions)

Figure 55. Australia Blood Typing Intermediates Revenue Growth 2021-2026 (\$

millions)

Figure 56. China Taiwan Blood Typing Intermediates Revenue Growth 2021-2026 (\$ millions)

Figure 57. Europe Blood Typing Intermediates Sales Market Share by Country in 2026

Figure 58. Europe Blood Typing Intermediates Revenue Market Share by Country (2021-2026)

Figure 59. Europe Blood Typing Intermediates Sales Market Share by Type (2021-2026)

Figure 60. Europe Blood Typing Intermediates Sales Market Share by Application (2021-2026)

Figure 61. Germany Blood Typing Intermediates Revenue Growth 2021-2026 (\$ millions)

Figure 62. France Blood Typing Intermediates Revenue Growth 2021-2026 (\$ millions)

Figure 63. UK Blood Typing Intermediates Revenue Growth 2021-2026 (\$ millions)

Figure 64. Italy Blood Typing Intermediates Revenue Growth 2021-2026 (\$ millions)

Figure 65. Russia Blood Typing Intermediates Revenue Growth 2021-2026 (\$ millions)

Figure 66. Middle East & Africa Blood Typing Intermediates Sales Market Share by Country (2021-2026)

Figure 67. Middle East & Africa Blood Typing Intermediates Sales Market Share by Type (2021-2026)

Figure 68. Middle East & Africa Blood Typing Intermediates Sales Market Share by Application (2021-2026)

Figure 69. Egypt Blood Typing Intermediates Revenue Growth 2021-2026 (\$ millions)

Figure 70. South Africa Blood Typing Intermediates Revenue Growth 2021-2026 (\$ millions)

Figure 71. Israel Blood Typing Intermediates Revenue Growth 2021-2026 (\$ millions)

Figure 72. Turkey Blood Typing Intermediates Revenue Growth 2021-2026 (\$ millions)

Figure 73. GCC Countries Blood Typing Intermediates Revenue Growth 2021-2026 (\$ millions)

Figure 74. Manufacturing Cost Structure Analysis of Blood Typing Intermediates in 2026

Figure 75. Manufacturing Process Analysis of Blood Typing Intermediates

Figure 76. Industry Chain Structure of Blood Typing Intermediates

Figure 77. Channels of Distribution

Figure 78. Global Blood Typing Intermediates Sales Market Forecast by Region (2027-2032)

Figure 79. Global Blood Typing Intermediates Revenue Market Share Forecast by Region (2027-2032)

Figure 80. Global Blood Typing Intermediates Sales Market Share Forecast by Type (2027-2032)

Figure 81. Global Blood Typing Intermediates Revenue Market Share Forecast by Type (2027-2032)

Figure 82. Global Blood Typing Intermediates Sales Market Share Forecast by Application (2027-2032)

Figure 83. Global Blood Typing Intermediates Revenue Market Share Forecast by Application (2027-2032)

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