

Blood Group Typing Market By Product (Instruments, Reagents & Kits) , By Test Type (ABO Tests, Antigen Typing, Antibody Screening, Cross-Matching Tests, HLA Typing) By Technique (Serology Tests, Molecular Tests) By End User (Hospital, Blood Banks) : Global Opportunity Analysis and Industry Forecast, 2024-2033

<https://marketpublishers.com/r/BF3BE97C5160EN.html>

Date: September 2024

Pages: 280

Price: US\$ 2,655.00 (Single User License)

ID: BF3BE97C5160EN

Abstracts

The blood group typing market was valued at \$2.0 billion in 2023, and is projected to reach \$4.8 billion by 2033, growing at a CAGR of 9.4% from 2024 to 2033.

Blood group typing is the process of determining an individual's blood group based on the presence or absence of specific antigens on the surface of red blood cells. These antigens are molecules that can trigger an immune response, and they vary across different blood groups, making them crucial in ensuring compatibility in blood transfusions, organ transplants, and pregnancy management. Blood group typing helps to prevent adverse reactions and improve patient outcomes in clinical settings by identifying compatible donors and recipients for transfusions and other medical interventions.

Increase in rates of surgeries, trauma cases, and chronic diseases have amplified the demand for blood transfusions, necessitating accurate blood group typing to prevent incompatible transfusions. A study by the World Health Organization in 2023 estimated that around 118.4 million blood donations are collected globally each year, highlighting the critical role of blood group typing to ensure safe and compatible transfusions. In addition, alarming rise in prevalence of chronic diseases notably contributes toward the market growth. This is attributed to the fact that conditions such as cancer and severe

anemia, which often require repeated blood transfusions, are driving the need for precise blood typing to ensure safe and compatible transfusions. As per a 2023 study published by the World Health Organization, approximately 17 million individuals die from a chronic condition each year. Moreover, rise in risk of transfusion-transmitted infections acts as the key driving force of the global market. This is attributed to the fact that transfusion-transmitted infections require rigorous blood typing and screening, thus bolstering the demand for advanced testing methods to ensure the safety of blood supplies. However, high cost of blood typing instruments and molecular typing methods restrains the market growth. Furthermore, dearth of skilled technicians to operate advanced equipment or carry out molecular techniques acts as the key deterrent factor of the global market. On the contrary, the development of automated, rapid, and point-of-care blood typing systems has streamlined testing, making it more accessible and efficient. Innovations in microarray and molecular typing methods have also enhanced accuracy. Such developments are expected to offer lucrative opportunities for the expansion of the global market during the forecast period.

The global blood group typing industry is segmented on the basis of product, test type, technology, end user, and region. By product, the market is classified into instruments, kits, and reagents. On the basis of test type, it is divided into ABO Tests, antigen typing, antibody screening, cross-matching tests, and HLA typing. Depending on technology, it is segregated into serology tests and molecular tests. As per end user, it is fragmented into hospital-based laboratories and blood banks. Region wise, the market is analyzed across North America, Europe, Asia-Pacific, and LAMEA.

Key Findings

By product, the reagents & kits segment dominated the market, in terms of share, in 2023.

On the basis of test type, the antigen typing segment garnered the largest share in 2023.

Depending on technology, the serology test acquired the highest share of the blood group typing market in 2023.

As per end user, the blood banks segment exhibited the highest growth, in terms of share, in 2023.

Region wise, North America held a dominant position in the market in 2023; however,

Asia-Pacific is expected to register the highest CAGR from 2024 to 2033.

Competition Analysis

Competitive analysis and profiles of the major players in the global blood group typing market include Quotient Limited, CareDx Inc., Agena Bioscience, Inc., Diagast S.A., Illumina, Inc., Grifols, S.A., Immucor, Inc, Bio-Rad Laboratories, Inc. , Thermo Fisher Scientific Inc., Merck KGaA These major players have adopted various key development strategies such as business expansion, new product launches, and partnerships to strengthen their foothold in the global market.

Additional benefits you will get with this purchase are:

Quarterly Update and* (only available with a corporate license, on listed price)

5 additional Company Profile of client Choice pre- or Post-purchase, as a free update.

Free Upcoming Version on the Purchase of Five and Enterprise User License.

16 analyst hours of support* (post-purchase, if you find additional data requirements upon review of the report, you may receive support amounting to 16 analyst hours to solve questions, and post-sale queries)

15% Free Customization* (in case the scope or segment of the report does not match your requirements, 15% is equivalent to 3 working days of free work, applicable once)

Free data Pack on the Five and Enterprise User License. (Excel version of the report)

Free Updated report if the report is 6-12 months old or older.

24-hour priority response*

Free Industry updates and white papers.

Possible Customization with this report (with additional cost and timeline, please talk to

the sales executive to know more)

Surgical procedures data- specific or multiple surgery types

Additional company profiles with specific to client's interest

Additional country or region analysis- market size and forecast

Expanded list for Company Profiles

Key player details (including location, contact details, supplier/vendor network etc. in excel format)

Key Market Segments

By Product

Instruments

Reagents Kits

By Test Type

ABO Tests

Antigen Typing

Antibody Screening

Cross-Matching Tests

HLA Typing

By Technique

Serology Tests

Molecular Tests

By End User

Hospital

Blood Banks

By Region

North America

U.S.

Canada

Mexico

Europe

Germany

France

UK

Italy

Spain

Rest of Europe

Asia-Pacific

Japan

China

Australia

India

South Korea

Rest of Asia-Pacific

LAMEA

Brazil

Saudi Arabia

South Africa

Rest of LAMEA

Key Market Players

Quotient Limited

CareDx Inc.

Agena Bioscience, Inc.

Diagast S.A.

Illumina, Inc.

Grifols, S.A.

Immucor, Inc

Bio-Rad Laboratories, Inc.

Thermo Fisher Scientific Inc.

Merck KGaA

Contents

CHAPTER 1: INTRODUCTION

- 1.1. Report Description
- 1.2. Key Market Segments
- 1.3. Key Benefits
- 1.4. Research Methodology
 - 1.4.1. Primary Research
 - 1.4.2. Secondary Research
 - 1.4.3. Analyst Tools and Models

CHAPTER 2: EXECUTIVE SUMMARY

- 2.1. CXO Perspective

CHAPTER 3: MARKET LANDSCAPE

- 3.1. Market Definition and Scope
- 3.2. Key Findings
 - 3.2.1. Top Investment Pockets
 - 3.2.2. Top Winning Strategies
- 3.3. Porter's Five Forces Analysis
 - 3.3.1. Bargaining Power of Suppliers
 - 3.3.2. Threat of New Entrants
 - 3.3.3. Threat of Substitutes
 - 3.3.4. Competitive Rivalry
 - 3.3.5. Bargaining Power among Buyers
- 3.4. Market Dynamics
 - 3.4.1. Drivers
 - 3.4.2. Restraints
 - 3.4.3. Opportunities

CHAPTER 4: BLOOD GROUP TYPING MARKET, BY PRODUCT

- 4.1. Market Overview
 - 4.1.1 Market Size and Forecast, By Product
- 4.2. Instruments
 - 4.2.1. Key Market Trends, Growth Factors and Opportunities

- 4.2.2. Market Size and Forecast, By Region
- 4.2.3. Market Share Analysis, By Country
- 4.3. Reagents Kits
 - 4.3.1. Key Market Trends, Growth Factors and Opportunities
 - 4.3.2. Market Size and Forecast, By Region
 - 4.3.3. Market Share Analysis, By Country

CHAPTER 5: BLOOD GROUP TYPING MARKET, BY TEST TYPE

- 5.1. Market Overview
 - 5.1.1 Market Size and Forecast, By Test Type
- 5.2. ABO Tests
 - 5.2.1. Key Market Trends, Growth Factors and Opportunities
 - 5.2.2. Market Size and Forecast, By Region
 - 5.2.3. Market Share Analysis, By Country
- 5.3. Antigen Typing
 - 5.3.1. Key Market Trends, Growth Factors and Opportunities
 - 5.3.2. Market Size and Forecast, By Region
 - 5.3.3. Market Share Analysis, By Country
- 5.4. Antibody Screening
 - 5.4.1. Key Market Trends, Growth Factors and Opportunities
 - 5.4.2. Market Size and Forecast, By Region
 - 5.4.3. Market Share Analysis, By Country
- 5.5. Cross-Matching Tests
 - 5.5.1. Key Market Trends, Growth Factors and Opportunities
 - 5.5.2. Market Size and Forecast, By Region
 - 5.5.3. Market Share Analysis, By Country
- 5.6. HLA Typing
 - 5.6.1. Key Market Trends, Growth Factors and Opportunities
 - 5.6.2. Market Size and Forecast, By Region
 - 5.6.3. Market Share Analysis, By Country

CHAPTER 6: BLOOD GROUP TYPING MARKET, BY TECHNIQUE

- 6.1. Market Overview
 - 6.1.1 Market Size and Forecast, By Technique
- 6.2. Serology Tests
 - 6.2.1. Key Market Trends, Growth Factors and Opportunities
 - 6.2.2. Market Size and Forecast, By Region

- 6.2.3. Market Share Analysis, By Country
- 6.3. Molecular Tests
 - 6.3.1. Key Market Trends, Growth Factors and Opportunities
 - 6.3.2. Market Size and Forecast, By Region
 - 6.3.3. Market Share Analysis, By Country

CHAPTER 7: BLOOD GROUP TYPING MARKET, BY END USER

- 7.1. Market Overview
 - 7.1.1 Market Size and Forecast, By End User
- 7.2. Hospital
 - 7.2.1. Key Market Trends, Growth Factors and Opportunities
 - 7.2.2. Market Size and Forecast, By Region
 - 7.2.3. Market Share Analysis, By Country
- 7.3. Blood Banks
 - 7.3.1. Key Market Trends, Growth Factors and Opportunities
 - 7.3.2. Market Size and Forecast, By Region
 - 7.3.3. Market Share Analysis, By Country

CHAPTER 8: BLOOD GROUP TYPING MARKET, BY REGION

- 8.1. Market Overview
 - 8.1.1 Market Size and Forecast, By Region
- 8.2. North America
 - 8.2.1. Key Market Trends and Opportunities
 - 8.2.2. Market Size and Forecast, By Product
 - 8.2.3. Market Size and Forecast, By Test Type
 - 8.2.4. Market Size and Forecast, By Technique
 - 8.2.5. Market Size and Forecast, By End User
 - 8.2.6. Market Size and Forecast, By Country
 - 8.2.7. U.S. Blood Group Typing Market
 - 8.2.7.1. Market Size and Forecast, By Product
 - 8.2.7.2. Market Size and Forecast, By Test Type
 - 8.2.7.3. Market Size and Forecast, By Technique
 - 8.2.7.4. Market Size and Forecast, By End User
 - 8.2.8. Canada Blood Group Typing Market
 - 8.2.8.1. Market Size and Forecast, By Product
 - 8.2.8.2. Market Size and Forecast, By Test Type
 - 8.2.8.3. Market Size and Forecast, By Technique

- 8.2.8.4. Market Size and Forecast, By End User
- 8.2.9. Mexico Blood Group Typing Market
 - 8.2.9.1. Market Size and Forecast, By Product
 - 8.2.9.2. Market Size and Forecast, By Test Type
 - 8.2.9.3. Market Size and Forecast, By Technique
 - 8.2.9.4. Market Size and Forecast, By End User
- 8.3. Europe
 - 8.3.1. Key Market Trends and Opportunities
 - 8.3.2. Market Size and Forecast, By Product
 - 8.3.3. Market Size and Forecast, By Test Type
 - 8.3.4. Market Size and Forecast, By Technique
 - 8.3.5. Market Size and Forecast, By End User
 - 8.3.6. Market Size and Forecast, By Country
 - 8.3.7. Germany Blood Group Typing Market
 - 8.3.7.1. Market Size and Forecast, By Product
 - 8.3.7.2. Market Size and Forecast, By Test Type
 - 8.3.7.3. Market Size and Forecast, By Technique
 - 8.3.7.4. Market Size and Forecast, By End User
 - 8.3.8. France Blood Group Typing Market
 - 8.3.8.1. Market Size and Forecast, By Product
 - 8.3.8.2. Market Size and Forecast, By Test Type
 - 8.3.8.3. Market Size and Forecast, By Technique
 - 8.3.8.4. Market Size and Forecast, By End User
 - 8.3.9. UK Blood Group Typing Market
 - 8.3.9.1. Market Size and Forecast, By Product
 - 8.3.9.2. Market Size and Forecast, By Test Type
 - 8.3.9.3. Market Size and Forecast, By Technique
 - 8.3.9.4. Market Size and Forecast, By End User
 - 8.3.10. Italy Blood Group Typing Market
 - 8.3.10.1. Market Size and Forecast, By Product
 - 8.3.10.2. Market Size and Forecast, By Test Type
 - 8.3.10.3. Market Size and Forecast, By Technique
 - 8.3.10.4. Market Size and Forecast, By End User
 - 8.3.11. Spain Blood Group Typing Market
 - 8.3.11.1. Market Size and Forecast, By Product
 - 8.3.11.2. Market Size and Forecast, By Test Type
 - 8.3.11.3. Market Size and Forecast, By Technique
 - 8.3.11.4. Market Size and Forecast, By End User
 - 8.3.12. Rest Of Europe Blood Group Typing Market

- 8.3.12.1. Market Size and Forecast, By Product
- 8.3.12.2. Market Size and Forecast, By Test Type
- 8.3.12.3. Market Size and Forecast, By Technique
- 8.3.12.4. Market Size and Forecast, By End User
- 8.4. Asia-Pacific
 - 8.4.1. Key Market Trends and Opportunities
 - 8.4.2. Market Size and Forecast, By Product
 - 8.4.3. Market Size and Forecast, By Test Type
 - 8.4.4. Market Size and Forecast, By Technique
 - 8.4.5. Market Size and Forecast, By End User
 - 8.4.6. Market Size and Forecast, By Country
 - 8.4.7. Japan Blood Group Typing Market
 - 8.4.7.1. Market Size and Forecast, By Product
 - 8.4.7.2. Market Size and Forecast, By Test Type
 - 8.4.7.3. Market Size and Forecast, By Technique
 - 8.4.7.4. Market Size and Forecast, By End User
 - 8.4.8. China Blood Group Typing Market
 - 8.4.8.1. Market Size and Forecast, By Product
 - 8.4.8.2. Market Size and Forecast, By Test Type
 - 8.4.8.3. Market Size and Forecast, By Technique
 - 8.4.8.4. Market Size and Forecast, By End User
 - 8.4.9. Australia Blood Group Typing Market
 - 8.4.9.1. Market Size and Forecast, By Product
 - 8.4.9.2. Market Size and Forecast, By Test Type
 - 8.4.9.3. Market Size and Forecast, By Technique
 - 8.4.9.4. Market Size and Forecast, By End User
 - 8.4.10. India Blood Group Typing Market
 - 8.4.10.1. Market Size and Forecast, By Product
 - 8.4.10.2. Market Size and Forecast, By Test Type
 - 8.4.10.3. Market Size and Forecast, By Technique
 - 8.4.10.4. Market Size and Forecast, By End User
 - 8.4.11. South Korea Blood Group Typing Market
 - 8.4.11.1. Market Size and Forecast, By Product
 - 8.4.11.2. Market Size and Forecast, By Test Type
 - 8.4.11.3. Market Size and Forecast, By Technique
 - 8.4.11.4. Market Size and Forecast, By End User
 - 8.4.12. Rest of Asia-Pacific Blood Group Typing Market
 - 8.4.12.1. Market Size and Forecast, By Product
 - 8.4.12.2. Market Size and Forecast, By Test Type

8.4.12.3. Market Size and Forecast, By Technique

8.4.12.4. Market Size and Forecast, By End User

8.5. LAMEA

8.5.1. Key Market Trends and Opportunities

8.5.2. Market Size and Forecast, By Product

8.5.3. Market Size and Forecast, By Test Type

8.5.4. Market Size and Forecast, By Technique

8.5.5. Market Size and Forecast, By End User

8.5.6. Market Size and Forecast, By Country

8.5.7. Brazil Blood Group Typing Market

8.5.7.1. Market Size and Forecast, By Product

8.5.7.2. Market Size and Forecast, By Test Type

8.5.7.3. Market Size and Forecast, By Technique

8.5.7.4. Market Size and Forecast, By End User

8.5.8. Saudi Arabia Blood Group Typing Market

8.5.8.1. Market Size and Forecast, By Product

8.5.8.2. Market Size and Forecast, By Test Type

8.5.8.3. Market Size and Forecast, By Technique

8.5.8.4. Market Size and Forecast, By End User

8.5.9. South Africa Blood Group Typing Market

8.5.9.1. Market Size and Forecast, By Product

8.5.9.2. Market Size and Forecast, By Test Type

8.5.9.3. Market Size and Forecast, By Technique

8.5.9.4. Market Size and Forecast, By End User

8.5.10. Rest of LAMEA Blood Group Typing Market

8.5.10.1. Market Size and Forecast, By Product

8.5.10.2. Market Size and Forecast, By Test Type

8.5.10.3. Market Size and Forecast, By Technique

8.5.10.4. Market Size and Forecast, By End User

CHAPTER 9: COMPETITIVE LANDSCAPE

9.1. Introduction

9.2. Top Winning Strategies

9.3. Product Mapping Of Top 10 Player

9.4. Competitive Dashboard

9.5. Competitive Heatmap

9.6. Top Player Positioning, 2023

CHAPTER 10: COMPANY PROFILES

- 10.1. Quotient Limited
 - 10.1.1. Company Overview
 - 10.1.2. Key Executives
 - 10.1.3. Company Snapshot
 - 10.1.4. Operating Business Segments
 - 10.1.5. Product Portfolio
 - 10.1.6. Business Performance
 - 10.1.7. Key Strategic Moves and Developments
- 10.2. CareDx Inc.
 - 10.2.1. Company Overview
 - 10.2.2. Key Executives
 - 10.2.3. Company Snapshot
 - 10.2.4. Operating Business Segments
 - 10.2.5. Product Portfolio
 - 10.2.6. Business Performance
 - 10.2.7. Key Strategic Moves and Developments
- 10.3. Agena Bioscience, Inc.
 - 10.3.1. Company Overview
 - 10.3.2. Key Executives
 - 10.3.3. Company Snapshot
 - 10.3.4. Operating Business Segments
 - 10.3.5. Product Portfolio
 - 10.3.6. Business Performance
 - 10.3.7. Key Strategic Moves and Developments
- 10.4. Diagast S.A.
 - 10.4.1. Company Overview
 - 10.4.2. Key Executives
 - 10.4.3. Company Snapshot
 - 10.4.4. Operating Business Segments
 - 10.4.5. Product Portfolio
 - 10.4.6. Business Performance
 - 10.4.7. Key Strategic Moves and Developments
- 10.5. Illumina, Inc.
 - 10.5.1. Company Overview
 - 10.5.2. Key Executives
 - 10.5.3. Company Snapshot
 - 10.5.4. Operating Business Segments

- 10.5.5. Product Portfolio
- 10.5.6. Business Performance
- 10.5.7. Key Strategic Moves and Developments
- 10.6. Grifols, S.A.
 - 10.6.1. Company Overview
 - 10.6.2. Key Executives
 - 10.6.3. Company Snapshot
 - 10.6.4. Operating Business Segments
 - 10.6.5. Product Portfolio
 - 10.6.6. Business Performance
 - 10.6.7. Key Strategic Moves and Developments
- 10.7. Immucor, Inc
 - 10.7.1. Company Overview
 - 10.7.2. Key Executives
 - 10.7.3. Company Snapshot
 - 10.7.4. Operating Business Segments
 - 10.7.5. Product Portfolio
 - 10.7.6. Business Performance
 - 10.7.7. Key Strategic Moves and Developments
- 10.8. Bio-Rad Laboratories, Inc.
 - 10.8.1. Company Overview
 - 10.8.2. Key Executives
 - 10.8.3. Company Snapshot
 - 10.8.4. Operating Business Segments
 - 10.8.5. Product Portfolio
 - 10.8.6. Business Performance
 - 10.8.7. Key Strategic Moves and Developments
- 10.9. Thermo Fisher Scientific Inc.
 - 10.9.1. Company Overview
 - 10.9.2. Key Executives
 - 10.9.3. Company Snapshot
 - 10.9.4. Operating Business Segments
 - 10.9.5. Product Portfolio
 - 10.9.6. Business Performance
 - 10.9.7. Key Strategic Moves and Developments
- 10.10. Merck KGaA
 - 10.10.1. Company Overview
 - 10.10.2. Key Executives
 - 10.10.3. Company Snapshot

- 10.10.4. Operating Business Segments
- 10.10.5. Product Portfolio
- 10.10.6. Business Performance
- 10.10.7. Key Strategic Moves and Developments

I would like to order

Product name: Blood Group Typing Market By Product (Instruments, Reagents & Kits) , By Test Type (ABO Tests, Antigen Typing, Antibody Screening, Cross-Matching Tests, HLA Typing) By Technique (Serology Tests, Molecular Tests) By End User (Hospital, Blood Banks) : Global Opportunity Analysis and Industry Forecast, 2024-2033

Product link: <https://marketpublishers.com/r/BF3BE97C5160EN.html>

Price: US\$ 2,655.00 (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/BF3BE97C5160EN.html>