

# **2022-2026 Asia-Pacific Molecular Blood Typing, Grouping and Infectious Disease NAT Screening Analyzers and Reagents—An 18-Country Transfusion Market Analysis-Competitive Shares and Growth Strategies, Volume and Sales Segment Forecasts for 40 Immunohematology and NAT Assays, Latest Technologies and Instrumentation Pipeline, Emerging Opportunities for Suppliers**

<https://marketpublishers.com/r/251B3ABA8AB7EN.html>

Date: May 2022

Pages: 0

Price: US\$ 12,500.00 (Single User License)

ID: 251B3ABA8AB7EN

## **Abstracts**

This new 18-country report from LeadingMarketResearch.com is available by country, market segment, section, or individual test.

The report is available by section, and can be customized to specific information needs and budget.

The report is designed to help current suppliers and potential market entrants identify and evaluate emerging opportunities in the global blood banking market during the next five years, and assist industry executives in developing effective business, new product development and marketing strategies.

The report explores future market and technological trends; provides test volume and sales forecasts by market segment/test location; compares features of major automated and semi-automated molecular and immunohematology analyzers; profiles leading and emerging competitors; and identifies specific product and market opportunities facing suppliers during the next five years.

## Blood Group Genotyping

PCR, PCR-RFLP, AS-PCR or PCR-SSP, Multiplex PCR, Real Time PCR, Sanger DNA Sequencing, Pyrosequencing

## Microarrays

BeadChip Array, BloodChip, Genome Lab SNP Stream, Fluidic Microarray Systems, TaqMan OpenArray, MALDI-TOF-MS, Mini-Sequencing

## Blood Typing and Grouping Tests

ABO, Antibody Panels, Antibody Screening/Indirect Antiglobulin, Antigen Typing (C, c, Duffy, E, e, I, i, Kell, Kidd, Le a, b, MN, P, S, s), Antiglobulin (Direct, C3 + IgG, IgG, C3), Crossmatching (Immediate Spin, Full Crossmatch), Rh (D, Du).

## Infectious Disease Screening Tests

AIDS (HIV NAT, HIV-1/2), Cytomegalovirus, Hepatitis (HAV NAT, HBV NAT, HBs Ag, Anti-HBc, HCV NAT, HCV, ALT/SGPT), HTLV-I/II, Parvovirus B19 NAT, Syphilis, West Nile Virus NAT.

## Sales and Market Share Analysis

Sales and market share estimates for leading suppliers of blood typing, grouping and infectious disease screening tests in major countries.

## Country Analyses

Australia, Bangladesh, China, Hong Kong, India, Indonesia, Japan, Malaysia, Myanmar, New Zealand, Pakistan, Philippines, Singapore, South Korea, Taiwan, Thailand, Turkey, Vietnam

## Competitive Assessments

Strategic assessments of major suppliers and emerging market entrants, including their sales, M&A, product portfolios, marketing tactics, and new products in R&D.

## Market Segmentation Analysis

Comprehensive market segmentation analysis, including review of the market dynamics, trends, structure, size, growth, and key suppliers.

Test volume and sales forecasts for over 40 blood typing, grouping and infectious disease screening tests, including NAT assays.

### Current and Emerging Products

Analysis of current and emerging molecular blood typing, grouping and infectious disease NAT screening assays.

Review of automated and semi-automated molecular and immunohematology analyzers.

### Technology Review

Assessment of current and emerging technologies, and their potential applications for the blood banking market.

Companies developing or marketing new technologies and products, by test.

### Strategic Recommendations

New product development opportunities for molecular blood typing, grouping and infectious disease NAT assays and instrumentation with significant market appeal.

Alternative market penetration strategies.

Potential market entry barriers and risks.

## Contents

### **I. INTRODUCTION**

### **II. MARKET OVERVIEW**

- A. Business Environment
- B. Market Structure

### **III. MAJOR PRODUCT DEVELOPMENT OPPORTUNITIES**

- A. Blood Typing and Grouping
- B. Infectious Disease Screening
- C. Auxiliary

### **IV. ALTERNATIVE MARKET PENETRATION STRATEGIES**

- A. Internal Development
- B. Collaborative Arrangements
- C. University Contracts

### **V. POTENTIAL MARKET ENTRY BARRIERS AND RISKS**

- A. Market Maturity
- B. Cost Containment
- C. Competition
- D. Technological Edge and Limitations
- E. Patent Protection

### **VI. TECHNOLOGY AND MARKET OVERVIEW**

- A. Major Blood Typing, Grouping and Infectious Disease Screening Tests
  - 1. Blood Typing and Grouping Tests
    - a. ABO
    - b. Antibody Panels
    - c. Antibody Screening
    - d. Antigen Typing
    - e. Antiglobulin Test
    - f. Crossmatch

- g. HLA Typing
- h. Rh
- i. Other Blood Groups
- 2. Infectious Disease Screening Tests
  - a. AIDS/HIV
    - Background
    - Diagnostic Tests
      - Enzyme Immunoassay
      - Viral Load/Drug Resistance Testing
      - Genotype and Phenotype Testing
    - Blood Banking Considerations
  - b. Hepatitis Markers
    - Hepatitis A
    - Hepatitis B
    - Hepatitis C
    - Hepatitis D (Delta Hepatitis)
    - Hepatitis E
    - Hepatitis G
    - Vaccines and Drugs
  - c. Cytomegalovirus
    - Background
    - Diagnostic Tests
    - Vaccines and Drugs
  - d. Syphilis
    - Background
    - Diagnostic Tests
    - Vaccines and Drugs
  - e. West Nile Virus
    - Background
    - Clinical Syndromes
    - Diagnostic Tests
    - Vaccines and Drugs
  - f. Parvovirus B19
    - Microbiology
    - Epidemiology
    - Clinical Syndromes
    - Diagnostic Test
    - Vaccines and Drugs
  - g. Creutzfeldt-Jakob's Disease

Background

Transmission

Diagnostic Tests

Vaccines and Drugs

h. Malaria

i. Chagas Disease

j. Babesiosis

3. Pathogen Reduction

4. Leukocyte Reduction

Background

Methods

B. Instrumentation Review: Operating Characteristics, Features and Selling Prices of Leading Blood Typing, Grouping and Infectious Disease Screening Automated and Semiautomated Analyzers

C. Major Blood Banking Technologies and Their Potential Applications

1. Molecular Diagnostics

2. Monoclonal and Polyclonal Antibodies

3. Immunoassays

4. Microtitration Plates

5. IT and Automation

6. Lasers

7. Robotics

8. Synthetic Red Cell Substitutes

9. Genetically Engineered Blood Components

10. Blood Preservation

11. Autologous Blood Transfusion/Freezing

## **VII. COUNTRY MARKET ANALYSES: BLOOD TYPING, GROUPING AND INFECTIOUS DISEASE SCREENING TEST VOLUME AND SALES FORECASTS**

Australia

Bangladesh

China

Hong Kong

India

Indonesia

Japan

Malaysia

Myanmar

New Zealand  
Pakistan  
Singapore  
South Korea  
Taiwan  
Thailand  
Vietnam

## **VIII. COMPETITIVE ASSESSMENTS**

Abbott  
Beckman Coulter/Danaher  
Becton Dickinson  
Biokit  
bioMerieux  
Bio-Rad  
Diagast  
DiaSorin  
Fujirebio  
Grifols  
Hologic  
Immucor  
LabCorp  
Ortho-Clinical Diagnostics  
Proteome Sciences  
Quest Diagnostics  
Quidel  
Roche  
Siemens Healthineers  
Tecan  
Thermo Fisher

## List Of Tables

### LIST OF TABLES

Australia Executive Summary Table: Total Blood Bank Test Volume and Reagent Sales Forecast by Test Category

Australia All Market Segments Blood Typing and Grouping Test Volume Forecast

Australia All Market Segments Infectious Disease Screening Test Volume Forecast

Australia All Market Segments Blood Typing and Grouping Reagent Market Forecast by Major Test

Australia All Market Segments Infectious Disease Screening Reagent Market Forecast by Test

Bangladesh Executive Summary Table: Total Blood Bank Test Volume and Reagent Sales Forecast by Test Category

Bangladesh All Market Segments Blood Typing and Grouping Test Volume Forecast

Bangladesh All Market Segments Infectious Disease Screening Test Volume Forecast

Bangladesh All Market Segments Blood Typing and Grouping Reagent Market Forecast by Major Test

Bangladesh All Market Segments Infectious Disease Screening Reagent Market Forecast by Test

China Executive Summary Table: Total Blood Bank Test Volume and Reagent Sales Forecast by Test Category

China All Market Segments Blood Typing and Grouping Test Volume Forecast

China All Market Segments Infectious Disease Screening Test Volume Forecast

China All Market Segments Blood Typing and Grouping Reagent Market Forecast by Major Test

China All Market Segments Infectious Disease Screening Reagent Market Forecast by Test

Hong Kong Executive Summary Table: Total Blood Bank Test Volume and Reagent Sales Forecast by Test Category

Hong Kong All Market Segments Blood Typing and Grouping Test Volume Forecast

Hong Kong All Market Segments Infectious Disease Screening Test Volume Forecast

Hong Kong All Market Segments Blood Typing and Grouping Reagent Market Forecast by Major Test

Hong Kong All Market Segments Infectious Disease Screening Reagent Market Forecast by Test

India Executive Summary Table: Total Blood Bank Test Volume and Reagent Sales Forecast by Test Category

India All Market Segments Blood Typing and Grouping Test Volume Forecast



India All Market Segments Infectious Disease Screening Test Volume Forecast

India All Market Segments Blood Typing and Grouping Reagent Market Forecast by Major Test

India All Market Segments Infectious Disease Screening Reagent Market Forecast by Test

Indonesia Executive Summary Table: Total Blood Bank Test Volume and Reagent Sales Forecast by Test Category

Indonesia All Market Segments Blood Typing and Grouping Test Volume Forecast

Indonesia All Market Segments Infectious Disease Screening Test Volume Forecast

Indonesia All Market Segments Blood Typing and Grouping Reagent Market Forecast by Major Test

Indonesia All Market Segments Infectious Disease Screening Reagent Market Forecast by Test

Japan Executive Summary Table: Total Blood Bank Test Volume and Reagent Sales Forecast by Test Category

Japan Facilities Performing Blood Bank Tests by Market Segment

Japan Hospital Laboratories Performing Blood Bank Tests by Bed Size

Japan Commercial/Private Laboratories Performing Blood Bank Tests by Annual Test Volume

Japan All Market Segments Blood Typing and Grouping Test Volume Forecast by Market Segment

Japan All Market Segments Blood Typing and Grouping Test Volume Forecast

Japan Hospital Laboratories Blood Typing and Grouping Test Volume Forecast

Japan Blood Banks Blood Typing and Grouping Test Volume Forecast

Japan Commercial/Private Laboratories Blood Typing and Grouping Test Volume Forecast

Japan All Market Segments Infectious Disease Screening Test Volume Forecast by Market Segment

Japan All Market Segments Infectious Disease Screening Test Volume Forecast

Japan Blood Banks Infectious Disease Screening Test Volume Forecast

Japan Commercial/Private Laboratories Infectious Disease Screening Test Volume Forecast

Japan Hospital Laboratories Infectious Disease Screening Test Volume Forecast

Japan All Market Segments Blood Typing and Grouping Reagent Market Forecast by Market Segment

Japan All Market Segments Blood Typing and Grouping Reagent Market Forecast by Major Test

Japan Hospital Laboratories Blood Typing and Grouping Reagent Market Forecast by Major Test

Japan Blood Banks Blood Typing and Grouping Reagent Market by Major Test Forecast  
Japan Commercial/Private Laboratories Blood Typing and Grouping Reagent Market  
Forecast by Major Test

Japan All Market Segments Infectious Disease Screening Reagent Market Forecast by  
Market Segment

Japan All Market Segments Infectious Disease Screening Reagent Market Forecast by  
Test

Japan Blood Banks Infectious Disease Screening Reagent Market Forecast by Test

Japan Commercial/Private Laboratories Infectious Disease Screening Reagent Market  
Forecast by Test

Japan Hospital Laboratories Infectious Disease Screening Reagent Market Forecast by  
Test

Japan Major Suppliers of Blood Typing and Grouping Reagents Estimated Sales and  
Market Shares

Japan HIV/HTLV Blood Screening Market, Reagent Sales by Major Supplier

Japan Hepatitis C Blood Screening Market, Reagent Sales by Major Supplier

Japan CMV Blood Screening Market, Reagent Sales by Major Supplier

Japan Syphilis Blood Screening Market, Reagent Sales by Major Supplier

Malaysia Executive Summary Table: Total Blood Bank Test Volume and Reagent Sales  
Forecast by Test Category

Malaysia All Market Segments Blood Typing and Grouping Test Volume Forecast

Malaysia All Market Segments Infectious Disease Screening Test Volume Forecast

Malaysia All Market Segments Blood Typing and Grouping Reagent Market Forecast by  
Major Test

Malaysia All Market Segments Infectious Disease Screening Reagent Market Forecast  
by Test

Myanmar Executive Summary Table: Total Blood Bank Test Volume and Reagent Sales  
Forecast by Test Category

Myanmar All Market Segments Blood Typing and Grouping Test Volume Forecast

Myanmar All Market Segments Infectious Disease Screening Test Volume Forecast

Myanmar All Market Segments Blood Typing and Grouping Reagent Market Forecast  
by Major Test

Myanmar All Market Segments Infectious Disease Screening Reagent Market Forecast  
by Test

New Zealand Executive Summary Table: Total Blood Bank Test Volume and Reagent  
Sales Forecast by Test Category

New Zealand All Market Segments Blood Typing and Grouping Test Volume Forecast

New Zealand All Market Segments Infectious Disease Screening Test Volume Forecast

New Zealand All Market Segments Blood Typing and Grouping Reagent Market

Forecast by Major Test

New Zealand All Market Segments Infectious Disease Screening Reagent Market

Forecast by Test

Pakistan Executive Summary Table: Total Blood Bank Test Volume and Reagent Sales

Forecast by Test Category

Pakistan All Market Segments Blood Typing and Grouping Test Volume Forecast

Pakistan All Market Segments Infectious Disease Screening Test Volume Forecast

Pakistan All Market Segments Blood Typing and Grouping Reagent Market Forecast by Major Test

Pakistan All Market Segments Infectious Disease Screening Reagent Market Forecast by Test

Philippines Executive Summary Table: Total Blood Bank Test Volume and Reagent Sales Forecast by Test Category

Philippines All Market Segments Blood Typing and Grouping Test Volume Forecast

Philippines All Market Segments Infectious Disease Screening Test Volume Forecast

Philippines All Market Segments Blood Typing and Grouping Reagent Market Forecast by Major Test

Philippines All Market Segments Infectious Disease Screening Reagent Market Forecast by Test

Singapore Executive Summary Table: Total Blood Bank Test Volume and Reagent Sales Forecast by Test Category

Singapore All Market Segments Blood Typing and Grouping Test Volume Forecast

Singapore All Market Segments Infectious Disease Screening Test Volume Forecast

Singapore All Market Segments Blood Typing and Grouping Reagent Market Forecast by Major Test

Singapore All Market Segments Infectious Disease Screening Reagent Market Forecast by Test

South Korea Executive Summary Table: Total Blood Bank Test Volume and Reagent Sales Forecast by Test Category

South Korea All Market Segments Blood Typing and Grouping Test Volume Forecast

South Korea All Market Segments Infectious Disease Screening Test Volume Forecast

South Korea All Market Segments Blood Typing and Grouping Reagent Market Forecast by Major Test

South Korea All Market Segments Infectious Disease Screening Reagent Market Forecast by Test

Taiwan Executive Summary Table: Total Blood Bank Test Volume and Reagent Sales Forecast by Test Category

Taiwan All Market Segments Blood Typing and Grouping Test Volume Forecast

Taiwan All Market Segments Infectious Disease Screening Test Volume Forecast

Taiwan All Market Segments Blood Typing and Grouping Reagent Market Forecast by Major Test

Taiwan All Market Segments Infectious Disease Screening Reagent Market Forecast by Test

Thailand Executive Summary Table: Total Blood Bank Test Volume and Reagent Sales Forecast by Test Category

Thailand All Market Segments Blood Typing and Grouping Test Volume Forecast

Thailand All Market Segments Infectious Disease Screening Test Volume Forecast

Thailand All Market Segments Blood Typing and Grouping Reagent Market Forecast by Major Test

Thailand All Market Segments Infectious Disease Screening Reagent Market Forecast by Test

Vietnam Executive Summary Table: Total Blood Bank Test Volume and Reagent Sales Forecast by Test Category

Vietnam All Market Segments Blood Typing and Grouping Test Volume Forecast

Vietnam All Market Segments Infectious Disease Screening Test Volume Forecast

Vietnam All Market Segments Blood Typing and Grouping Reagent Market Forecast by Major Test

Vietnam All Market Segments Infectious Disease Screening Reagent Market Forecast by Test

Major Companies Developing or Marketing Blood Typing and Grouping Tests

Major Companies Developing or Marketing HLA Typing Tests

Major Companies Developing or Marketing AIDS Tests

Major Companies Developing or Marketing Hepatitis Tests

Major Companies Developing or Marketing CMV Tests

Major Companies Developing or Marketing Syphilis Tests

Major Companies Developing or Marketing Blood Bank Analyzers

## I would like to order

Product name: 2022-2026 Asia-Pacific Molecular Blood Typing, Grouping and Infectious Disease NAT Screening Analyzers and Reagents—An 18-Country Transfusion Market Analysis-Competitive Shares and Growth Strategies, Volume and Sales Segment Forecasts for 40 Immunohematology and NAT Assays, Latest Technologies and Instrumentation Pipeline, Emerging Opportunities for Suppliers

Product link: <https://marketpublishers.com/r/251B3ABA8AB7EN.html>

Price: US\$ 12,500.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

[info@marketpublishers.com](mailto:info@marketpublishers.com)

## Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/251B3ABA8AB7EN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:  
Last name:  
Email:  
Company:  
Address:  
City:  
Zip code:  
Country:  
Tel:  
Fax:  
Your message:

**\*\*All fields are required**

Customer signature \_\_\_\_\_

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below  
and fax the completed form to +44 20 7900 3970