

2022-2026 World Molecular Blood Typing, Grouping and Infectious Disease NAT Screening Analyzers and Reagents—A 90-Country Transfusion Market Analysis-Supplier Shares, Volume and Sales Segment Forecasts for 40 Immunohematology and NAT Assays-Competitive Strategies, Latest Technologies, Instrumentation Pipeline, Emerging Opportunities for Suppliers

https://marketpublishers.com/r/2C7DD5964B96EN.html

Date: May 2022 Pages: 0 Price: US\$ 34,500.00 (Single User License) ID: 2C7DD5964B96EN

# **Abstracts**

This new 90-country report from LeadingMarketResearch.com is available by region, country, market segment, section, or individual test.

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

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.

Geographic Regions and Countries

Asia-Pacific

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

#### Europe

Albania, Austria, Belarus, Belgium, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Georgia, Germany, Greece, Hungary, Iceland,

2022-2026 World Molecular Blood Typing, Grouping and Infectious Disease NAT Screening Analyzers and Reagents—A...



Ireland, Italy, Kazakhstan, Latvia, Lithuania, Malta, Moldova, Netherlands, Norway, Poland, Portugal, Romania, Russia, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, UK, Ukraine

#### Latin America

Argentina, Bolivia, Brazil, Chile, Colombia, Costa Rica, Cuba, Dominican Republic, Ecuador, El Salvador, Guatemala, Haiti, Honduras, Jamaica, Mexico, Nicaragua, Panama, Paraguay, Peru, Puerto Rico, Uruguay, Venezuela

Middle East

Bahrain, Iran, Iraq, Israel, Jordan, Kuwait, Lebanon, Oman, Qatar, Saudi Arabia, United Arab Emirates

North America

Canada, Mexico, USA

#### **Country Analyses**

Albania, Argentina, Australia, Austria, Bahrain, Bangladesh, Belarus, Belgium, Bolivia, Brazil, Bulgaria, Canada, Chile, China, Colombia, Costa Rica, Croatia, Cuba, Cyprus, Czech Republic, Denmark, Dominican Republic, Ecuador, El Salvador, Estonia, Finland, France, Georgia, Germany, Greece, Guatemala, Haiti, Honduras, Hong Kong, Hungary, Iceland, India, Indonesia, Iran, Iraq, Ireland, Israel, Italy, Jamaica, Japan, Jordan, Kazakhstan, Kuwait, Latvia, Lebanon, Lithuania, Malaysia, Malta, Mexico, Moldova, Myanmar, Netherlands, New Zealand, Nicaragua, Norway, Oman, Pakistan, Panama, Paraguay, Peru, Philippines, Poland, Portugal, Puerto Rico, Qatar, Romania, Russia, Saudi Arabia, Serbia, Singapore, Slovak Republic, Slovenia, South Korea, Spain, Sweden, Switzerland, Taiwan, Thailand, UK, Ukraine, United Arab Emirates, Uruguay, USA, Venezuela, 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. WORLDWIDE 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. WORLDWIDE 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

2022-2026 World Molecular Blood Typing, Grouping and Infectious Disease NAT Screening Analyzers and Reagents-A...



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 FOR 90 COUNTRIES:

Albania, Argentina, Australia, Austria, Bahrain, Bangladesh, Belarus, Belgium, Bolivia, Brazil, Bulgaria, Canada, Chile, China, Colombia, Costa Rica, Croatia, Cuba, Cyprus, Czech Republic, Denmark, Dominican Republic, Ecuador, El Salvador, Estonia, Finland, France, Georgia, Germany, Greece, Guatemala, Haiti, Honduras, Hong Kong, Hungary, Iceland, India, Indonesia, Iran, Iraq, Ireland, Israel, Italy, Jamaica, Japan, Jordan, Kazakhstan, Kuwait, Latvia, Lebanon, Lithuania, Malaysia, Malta, Mexico, Moldova, Myanmar, Netherlands, New Zealand, Nicaragua, Norway, Oman, Pakistan, Panama, Paraguay, Peru, Philippines, Poland, Portugal, Puerto Rico, Qatar, Romania,



Russia, Saudi Arabia, Serbia, Singapore, Slovak Republic, Slovenia, South Korea, Spain, Sweden, Switzerland, Taiwan, Thailand, UK, Ukraine, United Arab Emirates, Uruguay, USA, Venezuela, 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



# I would like to order

Product name: 2022-2026 World Molecular Blood Typing, Grouping and Infectious Disease NAT Screening Analyzers and Reagents—A 90-Country Transfusion Market Analysis-Supplier Shares, Volume and Sales Segment Forecasts for 40 Immunohematology and NAT Assays-Competitive Strategies, Latest Technologies, Instrumentation Pipeline, Emerging Opportunities for Suppliers

Product link: https://marketpublishers.com/r/2C7DD5964B96EN.html

Price: US\$ 34,500.00 (Single User License / Electronic Delivery) If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

info@marketpublishers.com

# Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <u>https://marketpublishers.com/r/2C7DD5964B96EN.html</u>

# 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

Custumer signature \_

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



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