

# **2019-2023 North America Molecular Blood Typing, Grouping and Infectious Disease NAT Screening Market Analysis: Emerging Opportunities in the USA, Canada, Mexico--Supplier Shares and Strategies, Volume and Sales Segment Forecasts, Technology and Instrumentation Review**

<https://marketpublishers.com/r/N7AA05E1EF3EN.html>

Date: December 2018

Pages: 475

Price: US\$ 10,500.00 (Single User License)

ID: N7AA05E1EF3EN

## **Abstracts**

This new 3-country report from LeadingMarketResearch.com is available by 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 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**

Canada, Mexico, USA

### **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.

Contains 475 pages and 63 tables

## 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**

Canada

Mexico

USA

## **VIII. COMPETITIVE ASSESSMENTS**

Abbott

Beckman Coulter/Danaher

Becton Dickinson

Biokit  
BioMerieux  
Bio-Rad  
CellMark Forensics/LabCorp  
Diagast  
DiaSorin  
Fujirebio  
Grifols  
Hologic/Gen-Probe  
Immucor  
Ortho-Clinical Diagnostics  
Proteome Sciences  
Quest Diagnostics  
Quidel  
Roche  
Siemens  
Tecan

## List Of Tables

### LIST OF TABLES

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

Canada All Market Segments Blood Typing And Grouping Test Volume Forecast

Canada All Market Segments Infectious Disease Screening Test Volume Forecast

Canada All Market Segments Blood Typing And Grouping Reagent Market Forecast by Major Test

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

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

Mexico All Market Segments Blood Typing And Grouping Test Volume Forecast

Mexico All Market Segments Infectious Disease Screening Test Volume Forecast

Mexico All Market Segments Blood Typing And Grouping Reagent Market Forecast by Major Test

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

U.S.A. Executive Summary Table: Total Blood Bank Test Volume and Reagent Sales Forecast by Test Category

U.S.A. Estimated Number of Inpatient and Ambulatory Surgeries

U.S.A. Facilities Performing Blood Bank Tests by Market Segment

U.S.A. Hospital Laboratories Performing Blood Bank Tests by Bed Size

U.S.A. Commercial/Private Laboratories Performing Blood Bank Tests By Annual Test Volume Forecast

U.S.A. Facilities Collecting Whole Blood And Plasma by Market Forecast Segment

U.S.A. Whole Blood and Plasma Collections By Market Forecast Segment

U.S.A. All Market Segments Blood Typing And Grouping Test Volume by Market Forecast Segment

U.S.A. All Market Segments Blood Typing And Grouping Test Volume Forecast

U.S.A. Hospital Laboratories Blood Typing and Grouping Test Volume Forecast

U.S.A. Community and Regional Blood Centers Blood Typing and Grouping Test Volume Forecast

U.S.A. Commercial/Private Laboratories Blood Typing and Grouping Test Volume Forecast

U.S.A. Plasma Fractionation Centers Blood Typing and Grouping Test Volume Forecast

U.S.A. Military Blood Banks Blood Typing And Grouping Test Volume Forecast



U.S.A. All Market Segments Infectious Disease Screening Test Volume Forecast By Market Segment

U.S.A. All Market Segments Infectious Disease Screening Test Volume Forecast

U.S.A. Plasma Fractionation Centers Infectious Disease Screening Test Volume Forecast

U.S.A. Hospital Blood Banks Infectious Disease Screening Test Volume Forecast

U.S.A. Military Blood Banks Infectious Disease Screening Test Volume Forecast

U.S.A. All Market Segments Blood Typing And Grouping Reagent Market Forecast By Market Segment

U.S.A. All Market Segments Blood Typing And Grouping Reagent Market Forecast By Market Segment

U.S.A. Hospital Blood Banks Blood Typing And Grouping Reagent Market Forecast By Major Test

U.S.A. Community and Regional Blood Centers Blood Typing and Grouping Reagent Market Forecast By Major Test

U.S.A. Commercial/Private Laboratories Blood Typing and Grouping Reagent Market Forecast By Major Test

U.S.A. Military Blood Banks Blood Typing And Grouping Reagent Market Forecast by Major Test

U.S.A. All Market Segments Infectious Disease Screening Reagent Market by Market Forecast Segment

U.S.A. All Market Segments Infectious Disease Screening Reagent Market by Market Forecast Segment

U.S.A. Community and Regional Centers Infectious Disease Screening Reagent Market Forecast by Test

U.S.A. Plasma Fractionation Centers Infectious Disease Screening Reagent Market Forecast by Test

U.S.A. Hospital Blood Banks Infectious Disease Screening Reagent Market Forecast by Test

U.S.A. Military Blood Banks Infectious Disease Screening Reagent Market Forecast by Test

U.S.A. Major Suppliers of Blood Typing And Grouping Reagents Estimated Sales and Market Shares

U.S.A. HIV/HTLV Blood Screening Market, Reagent Sales by Major Supplier

U.S.A. Hepatitis Blood Screening Market, Reagents Sales by Major Supplier

U.S.A. Hepatitis C Blood Screening Market, Reagent Sales by Major Supplier

U.S.A. HIV/Hepatitis C NAT Market, Reagent Sales by Major Supplier

U.S.A. West Nile Virus NAT Market, Reagent Sales by Major Supplier

U.S.A. CMV Blood Screening Market, Reagent Sales by Major Supplier

U.S.A. Syphilis Blood Screening Market, Reagent Sales by Major Supplier  
U.S.A. Plasma Fractionation Centers Blood Typing and Grouping Reagent Market  
Forecast by Major Test  
U.S.A. Community and Regional Centers Infectious Disease Screening Test Volume  
Forecast  
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: 2019-2023 North America Molecular Blood Typing, Grouping and Infectious Disease NAT Screening Market Analysis: Emerging Opportunities in the USA, Canada, Mexico--Supplier Shares and Strategies, Volume and Sales Segment Forecasts, Technology and Instrumentation Review

Product link: <https://marketpublishers.com/r/N7AA05E1EF3EN.html>

Price: US\$ 10,500.00 (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/N7AA05E1EF3EN.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