

# 2015-2019 Japanese Transfusion Diagnostics Market: Supplier Shares, Sales Forecasts, Innovative Technologies, Competitive Strategies

https://marketpublishers.com/r/27FBD52BA5AEN.html

Date: June 2015

Pages: 426

Price: US\$ 6,160.00 (Single User License)

ID: 27FBD52BA5AEN

# **Abstracts**

Complete report \$7,700. DataPack (test volumes, sales forecasts, supplier shares) \$4,950. 2015-2019 Japanese Transfusion Diagnostics Market is a new strategic analysis prepared by VPGMarketResearch in order to help current suppliers and potential market entrants identify and evaluate emerging opportunities and assist industry executives in developing effective business, new product development and marketing strategies. RationaleDuring the nextfive years, the Japanese blood banking market is expected to undergo significant transformation, which will result from the convergence of several trends, including more stringent regulations; advances in diagnostic technologies, IT, system engineering and automation; and intensifying competition. Some segments will start resembling commodity markets, where product positioning and differentiation are more critical than underlying technology. The changes in the marketplace will create exciting opportunities for new instruments and reagent systems, as well as auxiliary products, such as specimen preparation devices, controls, calibrators, and innovative IT applications. Strategic Recommendations- New product development opportunities with significant market appeal. - Alternative market penetration strategies. - Potential market entry barriers and risks. The report explores future marketing and technological trends in the Japan; provides estimates of the test volume, instrument placements and sales; compares features of major automated and semi-automated analyzers; profiles leading and emerging competitors; and identifies specific product and market opportunities facing suppliers during the next ten years. Blood Typing and Grouping TestsABO, 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 TestsAIDS (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 AnalysisSales and market share estimates of leadingsuppliers of blood banking of reagentsand instruments, by individual product. Competitive AssessmentsStrategic assessments of major suppliers and emerging market entrants, including their sales,product portfolios, marketing tactics, and newproducts in R&D. Market Segmentation Analysis- Comprehensive market segmentationanalysis, including review of the marketdynamics, trends, structure, size, growth,and key suppliers. - Test volume and sales forecasts for over 40 blood banking tests, including NAT, by market segment:- Blood Centers- Hospitals- Commercial/Private LaboratoriesCurrent and Emerging Products- Analysis of current and emerging blood banking tests. - Review of automated and semi-automatedanalyzers, including their operatingcharacteristics, features, and selling prices. Technology Review- Assessment of current and emerging technologies,and their potential applications for the blood banking market. - Comprehensive lists of companies developingor marketing new technologies and products by test. Contains 426 pages and 41 tables



# **Contents**

### I. INTRODUCTION

### II. MAJOR PRODUCT DEVELOPMENT OPPORTUNITIES

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

### **III. ALTERNATIVE MARKET PENETRATION STRATEGIES**

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

### IV. POTENTIAL MARKET ENTRY BARRIERS AND RISKS

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

### V. 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
    - g. HLA Typing
    - h. Rh
  - i. Other Blood Groups
  - 2. Infectious Disease Screening Tests
    - a. AIDS



Structure and Composition

Classification

Origin of AIDS

**Animal Lentivirus Systems** 

Virus Receptors

**HIV Infections in Humans** 

Pathogenesis & Pathology

Overview of Course of HIV Infection

CD4T Lymphocytes and Memory Cells

Monocytes and Macrophages

Lymphoid Organs

**Neural Cells** 

**Viral Coinfections** 

Clinical Findings

Plasma Viral Load

Pediactric AIDS

Neurologic Disease

Opportunistic Infections

Protozoa

Fungi

Bacteria

Viruses

Cancer

**Immunity** 

Laboratory Diagnosis

Virus Isolation

Serology

Detection of Viral Nucleic Acid or Antigens

**Epidemiology** 

Worldwide Spread of AIDS

**United States** 

Routes of Transmission

Prevention, Treatment, And Control

**Antiviral Drugs** 

Vaccines Against HIV

Transmission of HIV in Blood Products

HIV Transmission in Transplant and Artificial Insemination Recipients

Diagnostic Tests

Enzyme Immunoassay Interpretation



Specificity, Sensitivity, and Predictive Value of Enzyme Immunoassay

Competition Assays

Western Blot Technique

Immuno-Fluorescence Assay (IFA)

Radioimmunoprecipitation

HIV-1/HIV-2 Combination Testing

Methods of HIV-Antigen Detection

Antigen Assays and Blood Screening

**Urine Tests** 

**DNA Probes** 

Overview

Quantitative Polymerase Chain Reaction

In Situ PCR

**Needed Improvements** 

Viral Load/Drug Resistance Testing

Genotype and Phenotype Testing

**Blood Banking Considerations** 

b. Hepatitis

Hepatitis A

Hepatitis B

Structure and Composition

Replication of Hepatitis B Virus

Hepatitis C

Hepatitis D (Delta Hepatitis)

Hepatitis E

Hepatitis G

Hepatitis Virus Infections In Humans

Pathology

Clinical Findings

**Laboratory Features** 

Hepatitis A

Hepatitis B

Hepatitis C

Hepatitis D

Hepatitis E

Virus-Host Immune Reactions

**Epidemiology** 

Hepatitis A

Hepatitis B



Hepatitis C

Hepatitis D (Delta Agent)

Vaccines and Drugs

c. Cytomegalovirus

Background

Chorioretinitis

Gastrointestinal

Central Nervous System Disease

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

Erythema Infectiosum Slapped (cheek)

Adult Polyarthropathy

**Transient Aplastic Crisis** 

Transient Pancytopenia

Red Cell Aplasia in the Immunocompromised

Perinatal Infections

Diagnosis

**Treatment** 

g. Creutzfeldt-Jakob's Disease

Background

**Transmission** 

**Diagnostic Tests** 

Major Commercial and Academic Players

Bayer

Disease Sciences/BioTec Global

Imperial College School of Medicine



Ortho-Clinical Diagnostics

Pall

**ProMetic Life Sciences** 

Proteome Sciences/Idexx

Q-One Biotech

Serono

U.S. Agricultural Research Service

Drugs

**Vaccines** 

- 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 Automated and Semiautomated Analyzers Manufactured by:

Abbott

Beckman Coulter/Danaher

Bio-Rad

**BioMerieux** 

Gen-Probe

Grifols

**Immucor** 

Nanosphere

**Ortho-Clinical Diagnostics** 

Roche

Sarstedt

Siemens

Tecan

- C. Major in Vitro Diagnostic Technologies And Their Potential Applications
  - 1. Molecular Diagnostics
    - a. Overview
    - b. NAT
  - 2. Monoclonal and Polyclonal Antibodies
  - 3. Immunoassays
    - a. Technological Principle
    - b. Chemiluminescence



c. Enzyme Immunoassays (EIA)

Overview

**ELISA** 

**EMIT** 

Electrochemical

- d. Radioimmunoassays (RIA)
- e. Immunoprecipitation
- f. Affinity Chromatography
- 4. Microtitration Plates
- 5. IT and Automation
- 6. Lasers
- 7. Robotics
- 8. Synthetic Red Cell Substitutes
- 9. Genetically Engineered Blood Components
  - a. Albumin
  - b. Factor VIII
  - c. Alpha-2 Antiplasmin
  - d. Antithrombin III
  - e. Factor IX
  - f. Von Willebrand's Factor
  - g. Fibrinogen
  - h. t-PA
- 10. Blood Preservation
- 11. Autologous Blood Transfusion/Freezing

### VI. JAPAN

- A. Executive Summary
- **B.** Business Environment
- C. Market Structure
- D. Market Size, Growth and Major Suppliers' Sales and Market Shares

## **VII. COMPETITIVE ASSESSMENTS**

**Abbott** 

Beckman Coulter/Danaher

**Becton Dickinson** 

**Biokit** 

BioMerieux



Bio-Rad

Diagast

DiaSorin

Fujirebio/Innogenetics

Hologic/Gen-Probe

Grifols

Immucor

**Novartis Diagnostics** 

Ortho-Clinical Diagnostics

Orchid CellMark

**Proteome Sciences** 

**Quest Diagnostics** 

Quidel

Roche

Siemens

Tecan

**VIII. APPENDIX: ASSUMED CURRENCY EXCHANGE RATES** 



# **List Of Tables**

### LIST OF TABLES

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

Executive Summary Table: Japan, 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



### I would like to order

Product name: 2015-2019 Japanese Transfusion Diagnostics Market: Supplier Shares, Sales Forecasts,

Innovative Technologies, Competitive Strategies

Product link: https://marketpublishers.com/r/27FBD52BA5AEN.html

Price: US\$ 6,160.00 (Single User License / Electronic Delivery)

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

Service:

info@marketpublishers.com

# **Payment**

First name:

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <a href="https://marketpublishers.com/r/27FBD52BA5AEN.html">https://marketpublishers.com/r/27FBD52BA5AEN.html</a>

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

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 <a href="https://marketpublishers.com/docs/terms.html">https://marketpublishers.com/docs/terms.html</a>

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



