

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

<https://marketpublishers.com/r/24ED3CCEAD3EN.html>

Date: June 2015

Pages: 425

Price: US\$ 4,880.00 (Single User License)

ID: 24ED3CCEAD3EN

## Abstracts

Complete report \$6,100. DataPack (test volumes, sales forecasts, supplier shares) \$3,950. 2015-2019 Spanish 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. Rationale During the next five years, the Spanish 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 Spain; 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 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 of leading suppliers of blood banking of reagents and instruments, by individual product. **Competitive Assessments** Strategic assessments of major suppliers and emerging market entrants, including their sales, 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 banking tests, including NAT, by market segment:- Blood Centers- Hospitals- Commercial/Private Laboratories **Current and Emerging Products**- Analysis of current and emerging blood banking tests. - Review of automated and semi-automated analyzers, including their operating characteristics, 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 developing or marketing new technologies and products by test. Contains 425 pages and 42 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
- Pediatric 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. SPAIN**

- 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: Spain, Total Blood Bank Test Volume and Reagent Sales Forecast by Test Category  
Spain, Facilities Performing Blood Bank Tests by Market Segment  
Spain, Hospital Laboratories Performing Blood Bank Tests by Bed Size  
Spain, Commercial/Private Laboratories Performing Blood Bank Tests by Annual Test Volume  
Spain, All Market Segments Blood Typing And Grouping Test Volume Forecast by Market Segment  
Spain, All Market Segments Blood Typing and Grouping Test Volume Forecast  
Spain, Hospital Laboratories Blood Typing and Grouping Test Volume Forecast  
Spain, Blood Banks Blood Typing And Grouping Test Volume Forecast  
Spain, Commercial/Private Laboratories Blood Typing and Grouping Test Volume Forecast  
Spain, All Market Segments Infectious Disease Screening Test Volume Forecast By Market Segment  
Spain, All Market Segments Infectious Disease Screening Test Volume Forecast  
Spain, Blood Banks Infectious Disease Screening Test Volume Forecast  
Spain, Commercial/Private Laboratories Infectious Disease Screening Test Volume Forecast  
Spain, Hospital Laboratories Infectious Disease Screening Test Volume Forecast  
Spain, All Market Segments Blood Typing And Grouping Reagent Market Forecast By Market Segment  
Spain, All Market Segments Blood Typing And Grouping Reagent Market Forecast by Major Test  
Spain, Hospital Laboratories Blood Typing and Grouping Reagent Market Forecast By Major Test  
Spain, Blood Banks Blood Typing and Grouping Reagent Market By Major Test Forecast

Spain, Commercial/Private Laboratories Blood Typing and Grouping Reagent Market Forecast By Major Test

Spain, All Market Segments Infectious Disease Screening Reagent Market Forecast by Market Segment

Spain, All Market Segments Infectious Disease Screening Reagent Market Forecast by Test

Spain, Blood Banks Infectious Disease Screening Reagent Market Forecast by Test

Spain, Commercial/Private Laboratories Infectious Disease Screening Reagent Market Forecast By Test

Spain, Hospital Laboratories Infectious Disease Screening Reagent Market Forecast by Test

Spain, Major Suppliers of Blood Typing And Grouping Reagents Estimated Sales And Market Shares

Spain, HIV-1/2 Blood Screening Market, Reagent Sales by Major Supplier

Spain, Hepatitis Blood Screening Market, Reagent Sales by Major Supplier

Spain, HIV/Hepatitis NAT Market, Reagent Sales by Major Supplier

Spain, CMV Blood Screening Market, Reagent Sales by Major Supplier

Spain, Syphilis Blood Screening Market, Reagent Sales by Major Supplier

## I would like to order

Product name: 2015-2019 Spanish Transfusion Diagnostics Market: Supplier Shares, Sales Forecasts, Innovative Technologies, Competitive Strategies

Product link: <https://marketpublishers.com/r/24ED3CCEAD3EN.html>

Price: US\$ 4,880.00 (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/24ED3CCEAD3EN.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

