

2013 Analysis of the Spanish Transfusion Diagnostic Testing Market: Emerging Opportunities, Supplier Shares, Country Forecasts, Innovative Technologies, and Competitive Landscape

<https://marketpublishers.com/r/25D98BF0C6EEN.html>

Date: April 2013

Pages: 425

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

ID: 25D98BF0C6EEN

Abstracts

Highlights

Comprehensive 425-page market segmentation analysis of the transfusion testing market.

Major issues pertaining to the Spanish transfusion testing practice, as well as key economic, regulatory, demographic, social and technological trends with significant market impact during the next ten years.

Ten-year volume and sales forecasts for 40 blood typing, grouping and infectious disease screening tests, including NAT procedures performed in Spanish transfusion testing hospitals, and commercial laboratories.

Annual placements and installed base estimates for major automated and semi-automated analyzers.

Review of current instrumentation technologies, and a feature comparison of over 20 analyzers.

Ten-year reagent and instrument sales forecasts.

Sales and market shares of leading reagent and instrument suppliers.

Review of current and emerging technologies, and their potential market applications.

Product development opportunities for instruments, consumables, and auxiliary products.

Profiles of major current and emerging suppliers, including their sales, market shares, product portfolios, marketing tactics, technological know-how, new products in R&D, collaborative arrangements, and business strategies.

Business opportunities and strategic recommendations for suppliers.

Contains 425 pages and 42 tables

Contents

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

SPAIN

- A. Executive Summary
- B. Business Environment
- C. Market Structure
- D. Market Size, Growth and Major Suppliers' Sales and Market Shares for Blood Typing, Grouping and Infectious Disease Screening Tests

MAJOR PRODUCT DEVELOPMENT OPPORTUNITIES

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

ALTERNATIVE MARKET PENETRATION STRATEGIES

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

POTENTIAL MARKET ENTRY BARRIERS AND RISKS

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

COMPETITIVE ASSESSMENTS

Abbott
Beckman Coulter/Danaher
Becton Dickinson
Biokit
BioMerieux
Bio-Rad

Diagast
DiaSorin
Fujirebio
Gen-Probe
Grifols
Immucor
Innogenetics
Ortho-Clinical Diagnostics
Orchid CellMark
Novartis Diagnostics
Proteome Sciences
Roche
Siemens
Tecan

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: 2013 Analysis of the Spanish Transfusion Diagnostic Testing Market: Emerging Opportunities, Supplier Shares, Country Forecasts, Innovative Technologies, and Competitive Landscape

Product link: <https://marketpublishers.com/r/25D98BF0C6EEN.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

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/25D98BF0C6EEN.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