

Germany Transfusion Diagnostic Testing Market: Innovative Technologies and Emerging Business Opportunities

<https://marketpublishers.com/r/G0B5B25F764EN.html>

Date: December 2012

Pages: 426

Price: US\$ 4,320.00 (Single User License)

ID: G0B5B25F764EN

Abstracts

Highlights

Comprehensive 426-page market segmentation analysis of the transfusion testing market.

Major issues pertaining to the German 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 German 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 426 pages and 43 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 Application

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

GERMANY

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

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

Germany, All Market Segments Infectious Disease Screening Reagent Market Forecast
By Market Segment

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

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

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

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

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

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

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

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

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

I would like to order

Product name: Germany Transfusion Diagnostic Testing Market: Innovative Technologies and Emerging Business Opportunities

Product link: <https://marketpublishers.com/r/G0B5B25F764EN.html>

Price: US\$ 4,320.00 (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/G0B5B25F764EN.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

