

German Blood Banking Market 2014: Innovations, Trends and Opportunities for Suppliers

<https://marketpublishers.com/r/24B572E37DEEN.html>

Date: January 2014

Pages: 426

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

ID: 24B572E37DEEN

Abstracts

Complete report \$6,100. DataPack (test volumes, sales forecasts, supplier shares) \$3,950.

“German Blood Banking Market 2014: Innovations, Trends and Opportunities for Suppliers” is a new strategic analysis prepared by Venture Planning Group 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 German 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 Germany; 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 426 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. AB
- 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

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: German Blood Banking Market 2014: Innovations, Trends and Opportunities for Suppliers

Product link: <https://marketpublishers.com/r/24B572E37DEEN.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/24B572E37DEEN.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