

2016 Germany Clinical Chemistry and Immunodiagnostic Markets: Reagent and Instrument Supplier Shares, Volume and Sales Country Segment Forecasts, Innovative Technologies, Competitive Strategies

https://marketpublishers.com/r/293527015D9EN.html

Date: November 2015 Pages: 578 Price: US\$ 4,880.00 (Single User License) ID: 293527015D9EN

Abstracts

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

VPGMarketResearch.com's new report is a strategic analysis of major business opportunities emerging in the German clinical chemistry and immunodiagnostic markets during the next five years. The report explores future trends in the German market; provides estimates of the specimen, test and sales volumes, as well as major suppliers' sales and market shares; compares features of leading analyzers; profiles key competitors; and identifies specific product and marketing opportunities emerging during the next five years.

The report provides five-year volume and sales forecasts for over 100 clinical chemistry, TDM, endocrine, cancer, immunoprotein and abused drug assays performed in hospitals, commercial laboratories, physician offices, and ambulatory care centers, including controls, calibrators and consumables.

Rationale

The clinical chemistry and immunodiagnostic markets are undergoing significant transformation, caused by convergence of new and more stringent regulations; advances in diagnostic technologies, system engineering, automation, and IT; and intensifying competition. Some segments, like routine chemistry, are already resembling.



commodity markets, where product positioning and cost per test are more critical than underlying technology. This evolving marketplace creates exciting opportunities for a variety of new instruments, reagent systems, and auxiliary products, such as specimen preparation devices, controls, and calibrators.

Strategic Recommendations

New product development opportunities with significant market appeal.

Alternative market penetration strategies.

Potential market entry barriers and risks.

Competitive Assessments

Strategic assessments of major suppliers and emerging market entrants, including their sales, product portfolios, marketing tactics, collaborative arrangements and new products in R&D.

The companies analyzed in the report include: Abbott, AdnaGen, Agilent, Alere, Beckman Coulter/Danaher, Biomedical Diagnostics, bioMerieux, Bio-Rad, DiaSorin, Eiken, Fujirebio, Grifols, IL, Kyowa Medex, Ortho-Clinical Diagnostics, Roche, Siemens, Sysmex, Thermo Fisher, Tosoh, Wako, Wallac/PE.

Tests Analyzed in the Report:

Routine Clinical Chemistry

Albumin, Alkaline Phosphatase, ALT/SGPT, Ammonia, Amylase, AST/SGOT, Bilirubin, Total, BUN (Blood Urea Nitrogen), Calcium, Cardio CRP, Carbon Dioxide/Bicarbonate, Chloride, Cholesterol, Creatine Kinase (CK), CK-MB, Creatinine, CRP, Ferritin, GGT, Glucose, HDL Cholesterol, Homocysteine, Iron, LDH, LDL Cholesterol, Magnesium, Phosphorus, Potassium, Protein, Total, Sodium, Triglycerides, Troponin, Uric Acid.

Therapeutic Drug Monitoring (TDM)

Amikacin, Carbamazepine, Cyclosporin, Digoxin, Everolimus, Gentamicin,



Levetiracetam, Lithium, Methotrexate, NAPA/Procainamide, Phenobarbital, Phenytoin, Quinidine, Sirolimus, Tacrolimus, Theophylline, Tobramycin, Topirimate, Valproic Acid, Vancomycin.

Endocrine Function

Cortisol, Estradiol, FSH, HCG, Gastrin, LH, Progesterone, PTH/IO PTH, Prolactin, T3, T3 Uptake, Free T3, T4, Free T4, TBG, Testosterone, Thyroglobulin Ab, TPO Ab, TSH.

Tumor Markers and Special Chemistry

AFP, CA 15-3/27-29, CA 19-9, CEA, Ferritin, Follate (Folic Acid), Glycosylated Hemoglobin, HCG, 25-Hydroxy Vitamin D2 and D3, Occult Blood, PAP, PSA, Thyroglobulin, Vitamin B-12.

Immunoproteins

C3, C4, Free Light Chains, Haptoglobin, IgA, IgE Specific, IgE Total, IgG, IgM, Immunofixation, Prealbumin, Protein Electrophoresis.

Drugs of Abuse

Amphetamines, Barbiturates, Benzodiazepines, Cannabinoids/Marijuana, Cocaine, LSD, Methadone, Methaqualone, Opiates, Phencyclidine (PCP), Propoxyphene, Tricyclic Antidepressants.

Market Segmentation Analysis

Comprehensive review of the market dynamics, trends, structure, size, growth, and key suppliers.

Test volume and sales forecasts for over 100 clinical chemistry, TDM, endocrine, cancer, immunoprotein and abused drug assays, by market segment: Hospitals

Commercial/Private Laboratories

Physician Offices/Group Practices



Current and Emerging Products

Analysis of current and emerging clinical chemistry and immunodiagnostic tests.

Review of current instrumentation technologies, and feature comparison of high-, medium-, and low-volume/POC analyzers.

Technology Review

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

Comprehensive lists of companies developing or marketing new technologies and products by test.

Contains 578 pages and 119 tables



Contents

I. INTRODUCTION

II. WORLDWIDE MARKET OVERVIEW

- 1. Business Environment
- 2. Market Structure
- 3. Market Size and Growth

III. MAJOR PRODUCT DEVELOPMENT OPPORTUNITIES

IV. DESIGN CRITERIA FOR DECENTRALIZED TESTING PRODUCTS

V. ALTERNATIVE MARKET PENETRATION STRATEGIES

- A. Internal Development
- B. Collaborative Arrangements
- C. University Contracts
- D. Distribution Strategies for Decentralized Testing Markets

VI. POTENTIAL MARKET ENTRY BARRIERS AND RISKS

- A. Market Maturity
- B. Cost Containment
- C. Competition
- D. Technological Edge and Limitations
- E. Patent Protection
- F. Regulatory Constraints
- G. Decentralized Testing Market Challenges

VII. WORLDWIDE MARKET AND TECHNOLOGY OVERVIEW

- A. Major Routine Chemistry Tests
 - 1. Albumin
 - 2. Alkaline Phosphatase
 - 3. ALT/SGPT
 - 4. Ammonia
 - 5. Amylase

2016 Germany Clinical Chemistry and Immunodiagnostic Markets: Reagent and Instrument Supplier Shares, Volume a...



- 6. AST/SGOT
- 7. Bilirubin, Total
- 8. Blood Gases
- 9. Blood Urea Nitrogen (BUN)
- 10. Calcium
- 11. Cardio CRP
- 12. Cholesterol
- 13. Cholinesterase
- 14. CRP
- 15. Creatinine
- 16. Electrolytes
 - a. Carbon Dioxide/Bicarbonate
- b. Chloride
- c. Potassium
- d. Sodium
- 17. Ferritin
- 18. Fructosamine
- 19. Gamma-Glutamyl Transpeptidase (GGT)
- 20. Glucose
- 21. High Density Lipoprotein (HDL)
- 22. Homocysteine
- 23. Iron
- 24. Lactate Dehydrogenase (LDH)
- 25. Magnesium
- 26. Phosphorus
- 27. Protein
- 28. Triglycerides
- 29. Uric Acid
- 30. Troponin
- B. Therapeutic Drug Monitoring (TDM)
 - 1. Overview
 - 2. Carbamazepine
 - 3. Cyclosporin
 - 4. Digoxin
 - 5. Everolimus
 - 6. Gentamicin
 - 7. Lamotrigine/Lamictal
 - 8. Levetiracetam
 - 9. Lidocaine



- 10. Lithium
- 11. NAPA/Procainamide
- 12. Phenytoin
- 13. Quinidine
- 14. Sirolimus
- 15. Tacrolimus
- 16. Theophylline
- 17. Topirimate
- 18. Valproic Acid
- C. Endocrine Function Tests
 - 1. Cortisol
 - 2. Estradiol
 - 3. Follicle-Stimulating Hormone (FSH)
 - 4. Gastrin
 - 5. Growth Hormone/IGF-1
 - 6. Human Chorionic Gonadotropin (HCG)
 - 7. LH
 - 8. Progesterone
 - 9. PTH/IO PTH
 - 10. Prolactin
 - 11. T3
 - 12. T3 Free
 - 13. T3 Uptake
 - 14. T4 (Thyroxine)
 - 15. T4 Free
 - 16. TBG
 - 17. Testosterone
 - 18. Thyroglobulin Ab
 - 19. TPO Ab
 - 20. TSH
- D. Tumor Markers and Special Chemistry Tests
 - 1. AFP
 - 2. CA 15-3
 - 3. CA 19-9
 - 4. CA 27-29
 - 5. Carcinoembrionic Antigen (CEA)
 - 6. Folate/Folic Acid
 - 7. HCG
 - 8. 25-Hydroxy Vitamin D2 and D3



- 9. Occult Blood
- 10. Prostate-Specific Antigen (PSA)
- 11. Thyroglobulin
- 12. Vitamin B-12
- E. Immunoprotein Tests
 - 1. Complement
 - a. C3
 - b. C4
 - 2. Free Light Chains
 - 3. Immunofixation
 - 4. Immunoglobulins (IgA, IgE, IgG, IgM)
 - 5. Haptoglobin
 - 6. Prealbumin
 - 7. Protein Electrophoresis
- F. Drugs of Abuse
 - 1. Overview
 - 2. Test Methodologies
 - 3. Amphetamines
 - 4. Barbiturates
 - 5. Benzodiazepines
 - 6. Cannabinoids/Marijuana
 - 7. Cocaine
 - 8. Lysergic Acid Diethylamide (LSD)
 - 9. Methadone
 - 10. Methaqualone
 - 11. Opiates
 - 12. Phencyclidine
 - 13. Tricyclic Antidepressants

 G. Clinical Chemistry and Immunodiagnostic Instrumentation Review: operating characteristics and features of high-, medium-, and low-volume/POC analyzers
H. Major Clinical Chemistry and Immunodiagnostic Technologies and Their Potential

Applications

- 1. Monoclonal and Polyclonal Antibodies
- 2. Immunoassays
- 3. Tandem Mass Spec
- 4. IT and Automation
- 5. Dry Chemistry
- 6. Biosensors



VIII. GERMANY CLINICAL CHEMISTRY AND IMMUNODIAGNOSTICS MARKET

- A. Executive Summary
- B. Business Environment
- C. Market Structure

D. Market Size, Test Volume and Sales Forecasts by Market Segment, Major Supplier Instrument, Reagent Sales and Market Shares

IX. COMPETITIVE ASSESSMENTS

Abbott Laboratories AdnaGen/Alere **Agilent Technologies Bayer Healthcare** Beckman Coulter/Danaher **Biomedical Diagnostics BioMerieux Bio-Rad** DiaSorin Eiken Fujirebio Grifols Instrumentation Laboratory Kyowa Medex Matritech/Alere **Ortho-Clinical Diagnostics Quest Diagnostics** Roche Siemens Sysmex **Thermo Fisher** Tosoh Wako Wallac/PE





List Of Tables

LIST OF TABLES

Major Companies Developing or Marketing Albumin Tests Major Companies Developing or Marketing Alkaline Phosphatase Tests Major Companies Developing or Marketing ALT/SGPT Tests Major Companies Developing or Marketing Amylase Tests Major Companies Developing or Marketing AST/SGOT Tests Major Companies Developing or Marketing Bilirubin Tests Major Companies Developing or Marketing Blood Gas Analyzers Major Companies Developing or Marketing BUN Tests Major Companies Developing or Marketing Calcium Tests Major Companies Developing or Marketing Cholesterol Tests Major Companies Developing or Marketing Creatinine Tests Major Companies Developing or Marketing Electrolyte Tests Major Companies Developing or Marketing GGT Tests Major Companies Developing or Marketing Glucose Tests Major Companies Developing or Marketing HDL Tests Major Companies Developing or Marketing Iron Tests Major Companies Developing or Marketing LDH Tests Major Companies Developing or Marketing Magnesium Tests Major Companies Developing or Marketing Phosphorus Tests Major Companies Developing or Marketing Protein Tests Major Companies Developing or Marketing Triglycerides Tests Major Companies Developing or Marketing Uric Acid Tests Major Companies Developing or Marketing TDM Tests Major Companies Developing or Marketing Digoxin Tests Major Companies Developing or Marketing Lithium Tests Major Companies Developing or Marketing Phenytoin/Dilantin Tests Major Companies Developing or Marketing Theophylline Tests Major Companies Developing or Marketing Valproic Acid Tests Major Companies Developing or Marketing FSH Tests Major Companies Developing or Marketing HCG Tests Major Companies Developing or Marketing LH Tests Major Companies Developing or Marketing Prolactin Tests Major Companies Developing or Marketing T3 Tests Major Companies Developing or Marketing T4 Tests Major Companies Developing or Marketing TSH Tests



Major Companies Developing or Marketing AFP Tests Major Companies Developing or Marketing CEA Tests Major Companies Developing or Marketing Ferritin Tests Major Companies Developing or Marketing Occult Blood Tests Major Companies Developing or Marketing Prostatic Acid Phosphatase Tests Major Companies Developing or Marketing PSA Tests Major Companies Developing or Marketing Vitamin B-12/Folate Tests Major Companies Developing or Marketing CRP Tests Major Companies Developing or Marketing Drugs of Abuse Tests Major Companies Developing or Marketing Biosensors for Immunological Testing Executive Summary Table: Germany, Clinical Chemistry and Immunoassay Test Volume and Diagnostics Sales Forecast By Test Category Germany, Laboratories Performing Chemistry and Immunoassay Tests By Market Segment Germany, Hospital Laboratories Performing Chemistry and Immunoassay Tests By Bed Size Germany, Commercial/Private Laboratories Performing Chemistry and Immunoassay Tests By Annual Test Volume Germany, Total Chemistry and Immunoassay Specimen Volume Forecast Germany, All Market Segments, Specimen Volume Forecast By Test Category Germany, Total Clinical Chemistry and Immunoassay Test Volume Forecast By Test Category Germany, Routine Chemistry Test Volume Forecast By Market Segment Germany, Endocrine Function Test Volume Forecast By Market Segment Germany, Tumor Markers and Special Chemistry Test Volume Forecast By Market Segment Germany, Immunoprotein Test Volume Forecast By Market Segment Germany, TDM Test Volume Forecast By Market Segment Germany, Drugs of Abuse Test Volume Forecast By Market Segment Germany, All Market Segments, Profiles, Panels and Individual Tests Forecast Germany, Hospital Laboratories, Profiles, Panels and Individual Tests Forecast Germany, Commercial/Private Laboratories, Profiles, Panels and Individual Tests Forecast Germany, Physician Offices/Group Practices, Profiles, Panels and Individual Tests Forecast Germany, All Market Segments, Routine Chemistry Test Volume Forecast by Assay Germany, Hospital Laboratories, Routine Chemistry Test Volume Forecast by Assay Germany, Commercial/Private Laboratories, Routine Chemistry Test Volume Forecast by Assay



Germany, Physician Offices/Group Practices, Routine Chemistry Test Volume Forecast by Assay

Germany, All Market Segments, Endocrine Function Test Volume Forecast by Assay Germany, Hospital Laboratories, Endocrine Function Test Volume Forecast by Assay Germany, Commercial/Private Laboratories, Endocrine Function Test Volume Forecast by Assay

Germany, Physician Offices/Group Practices, Endocrine Function Test Volume Forecast by Assay

Germany, All Market Segments, Tumor Markers and Special Chemistry Test Volume Forecast by Assay

Germany, Hospital Laboratories, Tumor Markers and Special Chemistry Test Volume Forecast by Assay

Germany, Commercial/Private Laboratories, Tumor Markers and Special Chemistry Test Volume Forecast by Assay

Germany, Physician Offices/Group Practices, Tumor Markers and Special Chemistry Test Volume Forecast by Assay

Germany, All Market Segments, Immunoprotein Test Volume Forecast by Assay

Germany, Hospital Laboratories, Immunoprotein Test Volume Forecast by Assay

Germany, Commercial/Private Laboratories, Immunoprotein Test Volume Forecast by Assay

Germany, Physician Offices/Group Practices, Immunoprotein Test Volume Forecast by Assay

Germany, All Market Segments, TDM Test Volume Forecast by Assay

Germany, Hospital Laboratories, TDM Test Volume Forecast

Germany, Commercial/Private Laboratories, TDM Test Volume Forecast by Assay

Germany, Physician Offices/Group Practices, TDM Test Volume Forecast by Assay

Germany, All Market Segments, Drugs of Abuse Test Volume Forecast by Assay

Germany, Hospital Laboratories, Drugs of Abuse Test Volume Forecast by Assay

Germany, Commercial/Private Laboratories, Drugs of Abuse Test Volume Forecast by Assay

Germany, Physician Offices/Group Practices, Drugs of Abuse Test Volume Forecast by Assay

Germany, Total Clinical Chemistry and Immunoassay Reagent Market Forecast By Test Category

Germany, Clinical Chemistry and Immunoassay Calibrator and Control Market Forecast By Test Category

Germany, Routine Chemistry Reagent Market Forecast By Market Segment

Germany, Endocrine Function Reagent Market Forecast By Market Segment

Germany, Tumor Markers and Special Chemistry Reagent Market Forecast By Market



Segment

Germany, TDM Reagent Market Forecast By Market Segment

- Germany, Immunoprotein Reagent Market Forecast By Market Segment
- Germany, Drugs of Abuse Reagent Market Forecast By Market Segment
- Germany, All Market Segments, Routine Chemistry Reagent Market Forecast by Assay
- Germany, Hospital Laboratories, Routine Chemistry Reagent Market Forecast by Assay

Germany, Commercial/Private Laboratories, Routine Chemistry Reagent Market Forecast by Assay

Germany, Physician Offices/Group Practices, Routine Chemistry Reagent Market Forecast by Assay

Germany, All Market Segments, Endocrine Function Reagent Market Forecast by Assay Germany, Hospital Laboratories, Endocrine Function Reagent Market Forecast by Assay

Germany, Commercial/Private Laboratories, Endocrine Function Reagent Market Forecast by Assay

Germany, Physician Offices/Group Practices, Endocrine Function Reagent Market Forecast by Assay

Germany, All Market Segments, Tumor Markers and Special Chemistry Reagent Market Forecast by Assay

Germany, Hospital Laboratories, Tumor Markers and Special Chemistry Reagent Market Forecast by Assay

Germany, Commercial/Private Laboratories, Tumor Markers and Special Chemistry Reagent Market Forecast by Assay

Germany, Physician Offices/Group Practices, Tumor Markers and Special Chemistry Reagent Market Forecast by Assay

- Germany, All Market Segments, TDM Reagent Market Forecast by Assay
- Germany, Hospital Laboratories, TDM Reagent Market Forecast by Assay

Germany, Commercial/Private Laboratories, TDM Reagent Market Forecast by Assay

Germany, Physician Offices/Group Practices, TDM Reagent Market Forecast by Assay

Germany, All Market Segments, Immunoprotein Reagent Market Forecast by Assay

Germany, Hospital Laboratories, Immunoprotein Reagent Market Forecast

Germany, Commercial/Private Laboratories, Immunoprotein Reagent Market Forecast by Assay

Germany, Physician Offices/Group Practices, Immunoprotein Reagent Market Forecast by Assay

Germany, All Market Segments, Drugs of Abuse Reagent Market Forecast by Assay Germany, Hospital Laboratories, Drugs of Abuse Reagent Market Forecast by Assay Germany, Commercial/Private Laboratories, Drugs of Abuse Reagent Market Forecast by Assay



Germany, Physician Offices/Group Practices, Drugs of Abuse Reagent Market Forecast by Assay

Germany, Major Suppliers of Clinical Chemistry Reagents, Estimated Sales and Market Shares

Germany, Major Suppliers of Clinical Chemistry Analyzers, Estimated Instrument Sales and Market Shares

Germany, Major Suppliers of Clinical Chemistry Diagnostics Products, Estimated Sales and Market Shares

Germany, Major Suppliers of Immunoassay Reagents, Estimated Sales and Market Shares

Germany, Major Suppliers of Immunoassay Analyzers, Estimated Instrument Sales and Market Shares

Germany, Major Suppliers of Immunoassay Diagnostic Products, Estimated Sales and Market Shares

Germany, Clinical Chemistry and Immunoassay Instrument Market Forecast By Analyzer Type



I would like to order

Product name: 2016 Germany Clinical Chemistry and Immunodiagnostic Markets: Reagent and Instrument Supplier Shares, Volume and Sales Country Segment Forecasts, Innovative Technologies, Competitive Strategies

Product link: https://marketpublishers.com/r/293527015D9EN.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 <u>https://marketpublishers.com/r/293527015D9EN.html</u>

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

Custumer signature ____

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <u>https://marketpublishers.com/docs/terms.html</u>

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