

# 2016 U.S. Point-of-Care/POC Clinical Chemistry Market: Physician Offices, Emergency Rooms, Operating Suites, ICU/CCUs, Cancer Clinics, Ambulatory Care Centers, Surgery Centers, Nursing Homes, Birth Centers

https://marketpublishers.com/r/2C321367587EN.html

Date: November 2015 Pages: 373 Price: US\$ 4,400.00 (Single User License) ID: 2C321367587EN

# Abstracts

This new 373-page report from VPGMarketResearch contains 61 tables, and provides a comprehensive analysis of the POC clinical chemistry market, including trends, dynamics, size, growth, regulatory requirements, technological trends, competitive landscape, and emerging opportunities for instrument and consumable suppliers. This report will help diagnostic product suppliers develop effective business, R&D and marketing strategies for the global POC clinical chemistry market.

## Rationale

The growing economic pressures on hospitals, coupled with advances in diagnostic technologies, intensifying competition among suppliers and physicians, and changing consumer demands are shifting diagnostic testing from hospitals and commercial laboratories closer to the patient.

Market Segmentation Analysis

Review of nine POC market segments, including their dynamics, trends, structure, size, growth and major suppliers.

Five-year test volume and reagent sales forecasts for clinical chemistry procedures by market segment: Physician Offices/Group Practices



Emergency Rooms

**Operating/Recovery Suites** 

ICUs/CCUs

**Cancer Clinics** 

**Ambulatory Care Centers** 

Surgery Centers

Nursing Homes

**Birth Centers** 

Sales and Market Share Analysis

Sales and market shares of major clinical chemistry reagent and instrument suppliers.

**Current and Emerging Products** 

Analysis of clinical chemistry procedures performed in POC testing locations.

Review of leading clinical chemistry analyzers, both currently marketed and those in development, including their operating characteristics, features and selling prices.

Technology Review

Emerging technologies and their applications for POC testing.

Comprehensive listings of companies developing or marketing clinical Chemistry testing technologies and products, by assay.



**Competitive Assessments** 

Assessments of major suppliers and emerging market entrants, including their sales, product portfolios, marketing tactics, joint ventures, and new products in R&D.

Strategic Recommendations

Specific opportunities for new clinical chemistry instruments and reagent systems with potentially significant market appeal during the next five years.

Design criteria for POC testing products.

Alternative business expansion strategies.

Potential market entry barriers and risks.

Methodology

This report is based on a combination of primary and secondary sources of information, including review of the latest technical and business publications, manufacturer product literature, industry analyst reports, and VPGMarketResearch's proprietary data files.

Contains 373 pages and 61 tables



# Contents

## INTRODUCTION

## **EXECUTIVE SUMMARY**

## **RATIONALE FOR TESTING DECENTRALIZATION**

- 1. Overview
- 2. Regulatory Trends
- 3. Economic Trends
- 4. Demographic Trends
- 5. Technological Trends
- 6. Social Trends
- 7. Quality of Care
- 8. Defensive Medicine
- 9. Quality Control Issues

### **REVIEW OF CLINICAL CHEMISTRY TESTS**

- 1. Albumin
- 2. Alkaline Phosphatase
- 3. ALT/SGPT
- 4. Ammonia
- 5. Amylase
- 6. AST/SGOT
- 7. Bilirubin
- 8. Blood Gases
- 9. Blood Urea Nitrogen (BUN)
- 10. Calcium
- 11. Cholesterol
- 12. Cholinesterase
- 13. Creatinine
- 14. Electrolytes
  - a. Carbon Dioxide/Bicarbonate
  - b. Chloride
  - c. Potassium
  - d. Sodium
- 15. Ferritin



- 16. Follate/Folic Acid
- 17. Fructosamine
- 18. Gamma-Glutamyl Transpeptidase (GGT)
- 19. Glucose
- 20. High Density Lipoprotein (HDL)
- 21. Iron
- 22. Lactate Dehydrogenase (LDH)
- 23. Magnesium
- 24. Phosphorus
- 25. Protein
- 26. Triglycerides
- 27. Troponin
- 28. Uric Acid
- 29. Urinalysis
- 30. Vitamin B12

#### **INSTRUMENTATION: CHEMISTRY ANALYZERS MANUFACTURED BY:**

Abaxis

Abbott Alfa Wassermann Awareness Technologies Beckman Coulter/Danaher bioMeriuex Carolina Chemistries Horiba Inverness Medica Nova Biomedical Ortho-Clinical Diagnostics Polimedco Randox Roche

## **CURRENT AND EMERGING TECHNOLOGIES**

- 1. Monoclonal Antibodies
- 2. Immunoassays
  - a. Technological Principle



- b. Enzyme Immunoassays (EIA)
- Overview
- ELISA
- Dot Immunobinding Assays
- Capillary Immunoassays
- Particle-Membrane Capture Immunoassay
- **Enzyme Amplification**
- c. Fluorescent Immunoassays
  - Fluorescent Polarization
  - Time-Resolved Pulse Fluorescence
- d. Luminescence
- Chemiluminescence
- Bioluminescence
- e. Latex Agglutination
- f. Immunoprecipitation
- 3. Dry Chemistry
- 4. Biosensors
- 5. IT and Automation
- 6. Molecular Diagnostics
  - a. Technology Overview
  - b. Amplification Methods
    - Polymerase Chain Reaction
  - Ligase Chain Reaction
  - Branched DNA
  - Q-Beta Replicase
  - Strand Displacement Activation
  - Self-Sustained Sequence Replicase

## U.S.A.

- A. Market Overview
  - 1. Business Environment
  - a. Health Care Expenditures
  - b. Cost Consciousness
  - c. Reimbursement
  - d. Industry Consolidation
  - e. Managed Care
    - PPO
    - HMO





- f. Hospitals
- g. Admissions
- h. Length of Stay
- i. Industry Diversification
- j. Physician Demographics
- k. Aging Population
  - More Chronic Illness
  - Disease Incidence
  - Susceptibility to latrogenesis
- Multiple Illnesses Cases
- I. Laboratory Regulations
- 2. Market Structure
  - a. Hospitals
  - b. Commercial/Private Laboratories
- B. Physician Offices/Group Practices
  - 1. Market Summary
  - 2. Market Structure
  - 3. Test Volume and Sales Forecasts
- C. Ancillary Hospital Locations
  - 1. Introduction
  - a. Emergency Departments
  - b. Operating Suites
  - c. Intensive Care Units
  - 2. Emergency Departments
    - a. Market Summary
    - b. Test volume and Sales Forecasts
  - 3. Operating and Recovery Suites
  - a. Market Summary
  - b. Test Volume and Sales Forecasts
  - 4. ICUs/CCUs
    - a. Market Summary
    - b. Test Volume and Sales Forecasts
- **D.** Cancer Clinics
  - 1. Introduction
  - 2. Market Summary
  - 3. Test Volume and Sales Forecasts
- E. Ambulatory Care Centers
  - 1. Introduction
  - 2. Market Summary



- 3. Market Structure
- 4. Test Volume and Sales Forecasts
- F. Surgery Centers
  - 1. Introduction
  - 2. Market Summary
  - 3. Market Structure
  - 4. Test Volume and Sales Forecasts
- G. Nursing Homes
  - 1. Introduction
  - 2. Market Summary
  - 3. Market Structure
  - 4. Test Volume and Sales Forecasts
- H. Birth Centers
  - 1. Introduction
  - 2. Market Summary
  - 3. Market Structure
  - 4. Test Volume and Sales Forecasts
- I. Major Suppliers' Sales and Market Shares

## MAJOR PRODUCT DEVELOPMENT OPPORTUNITIES

## DESIGN CRITERIA FOR DECENTRALIZED TESTING PRODUCTS

## ALTERNATIVE MARKET PENETRATION STRATEGIES

- A. Internal Development
- B. Collaborative Arrangements
- C. University Contracts
- D. Distribution Strategies for Decentralized Testing Markets
  - 1. Marketing Approaches
  - 2. Product complexity
  - 3. Customer Preference
  - 4. Established Suppliers
  - 5. Emerging Suppliers
  - 6. Major Types of Distributors
  - 7. Market Segmentation

## 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

#### **COMPANY PROFILE**

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 Ferritin 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 Vitamin B-12/Folate Tests U.S.A., Physician Office/Group Practice Laboratories Forecast by Practice Size U.S.A., Physician Offices/Group Practices Forecast by Type U.S.A., Office-Based Physicians Forecast by Practice Type U.S.A., Physician Offices/Group Practices Routine and Special Chemistry Test Volume Forecast U.S.A., Physician Offices/Group Practices Routine and Special Chemistry Test Volume Forecast by Practice Type U.S.A., Physician Offices/Group Practices Routine and Special Chemistry Reagent Market Forecast By Test U.S.A., Ancillary Hospital Locations Estimated Number U.S.A., Ancillary Hospital Locations Annual Utilization



U.S.A., Hospital Emergency Departments Routine And Special Chemistry Test Volume Forecast

U.S.A., Hospital Emergency Departments Profiles, Panels and Individual Tests

U.S.A., Hospital Emergency Departments Routine and Special Chemistry Reagent Market Forecast by Test

U.S.A., Hospital Operating and Recovery Suites Routine and Special Chemistry Test Volume Forecast

U.S.A., Hospital Operating and Recovery Suites Routine and Special Chemistry Reagent Market Forecast by Test

- U.S.A., Hospital ICUs/CCUs Routine And Special Chemistry Test Volume Forecast
- U.S.A., Hospital ICUs/CCUs Routine And Special Reagent Market Forecast by Test
- U.S.A., Cancer Clinics Routine And Special Chemistry Test Volume Forecast

U.S.A., Cancer Clinics Routine and Special Chemistry Reagent Market Forecast by Test

U.S.A., Ambulatory Care Centers Estimated Number of Facilities and Patient Visits

U.S.A., Ambulatory Care Centers Most Frequent Diagnoses

U.S.A., Ambulatory Care Centers Routine And Special Chemistry Test Volume Forecast

U.S.A., Ambulatory Care Centers Routine And Special Chemistry Reagent Market Forecast by Test

- U.S.A., Surgery Centers Most Frequently Performed Procedures
- U.S.A., Surgery Centers Routine And Special Chemistry Test Volume Forecast
- U.S.A., Surgery Centers Routine And Special Chemistry Reagent Market Forecast by Test
- U.S.A., Nursing Homes Estimated Number of Facilities, Beds and Occupancy Rate
- U.S.A., Nursing Homes Routine And Special Chemistry Test Volume Forecast

U.S.A., Nursing Homes Routine And Special Chemistry Reagent Market Forecast by Test

- U.S.A., Birth Centers Facilities, Patient Visits, and Births
- U.S.A., Birth Centers Routine And Special Chemistry Test Volume Forecast
- U.S.A., Birth Centers Profiles, Panels and Individual Tests
- U.S.A., Birth Centers Routine And Special Chemistry Reagent Market Forecast by Test

U.S.A., Major Suppliers of Clinical Chemistry Diagnostic Products Estimated Market Shares

- U.S.A., Major Suppliers of Clinical Chemistry Reagents, Estimated Market Shares
- U.S.A., Major Suppliers of Clinical Chemistry Analyzers, Estimated Market Shares
- U.S.A., Major Suppliers of Immunodiagnostic Products, Estimated Market Shares
- U.S.A., Major Suppliers of Immunoassay Reagents, Estimated Market Shares
- U.S.A., Major Suppliers of Immunoassay Analyzers, Estimated Market Shares



## I would like to order

Product name: 2016 U.S. Point-of-Care/POC Clinical Chemistry Market: Physician Offices, Emergency Rooms, Operating Suites, ICU/CCUs, Cancer Clinics, Ambulatory Care Centers, Surgery Centers, Nursing Homes, Birth Centers

Product link: https://marketpublishers.com/r/2C321367587EN.html

Price: US\$ 4,400.00 (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/2C321367587EN.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