

2016-2020 POC/Point-of-Care Hematology and Flow Cytometry Markets: Physician Offices, Emergency Rooms, Operating Suites, ICUs/CCUs, Cancer Clinics, Ambulatory Care Centers, Surgery Centers, Nursing Homes, Birth Centers--Supplier Shares, Volume and Sales Segment Forecasts, Emerging Technologies, Instrumentation Review, Competitive Strategies

https://marketpublishers.com/r/205E560997AEN.html

Date: March 2016

Pages: 279

Price: US\$ 6,800.00 (Single User License)

ID: 205E560997AEN

Abstracts

This new 279-page report from VPGMarketResearch contains 58 tables, and provides a comprehensive analysis of the POC hematology and flow cytometry 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 hematology and flow cytometry 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 hematology and flow cytometry 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 hematology and flow cytometry reagent and instrument suppliers.

Instrument Placements and Installed Base

The report provides estimates of annual placements and total installed base for major hematology and flow cytometry analyzers.

Current and Emerging Products

Analysis of hematology and flow cytometry procedures performed in POC testing locations.

Review of leading hematology and flow cytometry 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 hematology and flow cytometry 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 hematology and flow cytometry 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 VPGMarketResearchs proprietary data files. Contains 279 pages and 58 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 Immunodiagnostic 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

Endocrine Function Tests

- 1. CORTISOL
- 2. FOLLICLE-STIMULATING HORMONE (FSH)
- 3. GASTRIN
- 4. HUMAN CHORIONIC GONADOTROPIN (HCG)
- 5. LH
- 6. PROLACTIN
- 7. T3
- 8. T3 UPTAKE
- 9. FREE T3
- 10. THYROXINE (T4)
- 11. FREE T4
- 12. TBG
- 13. TSH

Therapeutic Drug Monitoring (TDM)

- 1. OVERVIEW
- 2. CARBAMAZEPINE
- 3. DIGOXIN
- 4. GENTAMICIN
- 5. LIDOCAINE
- 6. LITHIUM
- 7. PHENYTOIN/DILANTIN
- 8. PROCAINAMIDE
- 9. QUINIDINE
- 10. THEOPHYLLINE
- 11. VALPROIC ACID

Immunoprotein Tests



- 1. CRP
- 2. IMMUNOGLOBULINS

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

INSTRUMENTATION: Chemistry Immunodiagnostic 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

1. MAJOR SUPPLIERS' SALES AND MARKET SHARES

Germany

- A. Market Overview
- B. Market Structure
- C. Market Summary
- D. Test Volume and Sales Forecasts
- E. Major Suppliers' Sales and Market Shares

Spain

- A. Business Environment
- B. Market Structure
- C. Market Summary
- D. Test Volume and Sales Forecasts
- E. Major Suppliers' Sales and Market Shares

MAJOR PRODUCT DEVELOPMENT OPPORTUNITIES

- A. Routine and Special Chemistry
- B. Microbiology/Infectious Diseases
- C. Hematology and Flow Cytometry
- D. Coagulation



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

Agilent Technologies

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

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 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 Drugs of Abuse Tests
- U.S.A., Office-Based Physicians Forecast by Practice Type
- U.S.A., Physician Offices/Group Practices Forecast by Type
- U.S.A., Physician Office/Group Practice Laboratories Forecast by Practice Size
- U.S.A., Physician Offices/Group Practices Routine and Special Chemistry Test Volume Forecast
- U.S.A., Physician Offices/Group Practices TDM Test Volume Forecast
- U.S.A., Physician Offices/Group Practices Endocrine Function Test Volume Forecast
- U.S.A., Physician Offices/Group Practices Major Tumor Marker Test Volume Forecast
- U.S.A., Physician Offices/Group Practices Immunoprotien Test Volume Forecast
- U.S.A., Physician Offices/Group Practices Drugs of Abuse 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 TDM Test Volume Forecast by Practice Type
- U.S.A., Physician Offices/Group Practices Endocrine Function Test Volume Forecast by Practice Type
- U.S.A., Physician Offices/Group Practices Tumor Markers Test Volume Forecast by Practice Type
- U.S.A., Physician Offices/Group Practices Immunoprotein Test Volume Forecast by Practice Type
- U.S.A., Physician Offices/Group Practices Drugs of Abuse 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., Physician Offices/Group Practices TDM Reagent Market Forecast by Test
- U.S.A., Physician Offices/Group Practices Endocrine Function Reagent Market Forecast by Test
- U.S.A., Physician Offices/Group Practices Major Tumor Marker Reagent Market Forecast by Test
- U.S.A., Physician Offices/Group Practices Immunoprotein Reagent Market Forecast by Test
- U.S.A., Physician Offices/Group Practices Drugs of Abuse 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 Drugs of Abuse Test Volume Forecast
- U.S.A., Hospital Emergency Departments Routine and Special Chemistry Reagent Market Forecast by Test
- U.S.A., Hospital Emergency Departments Drugs of Abuse Reagent Market Forecast by Test
- U.S.A., Hospital Operating and Recovery Suites Routine and Special Chemistry Reagent 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 Total Diagnostics Sales Forecast by Market Segment
- U.S.A., Hospital ICUs/CCUs Reagent Sales Forecast by Market Segment
- U.S.A., Hospital ICUs/CCUs Instrument Sales Forecast by Market Segment
- U.S.A., Hospital ICUs/CCUs Routine and Special Chemistry Test Volume Forecast
- U.S.A., Hospital ICUs/CCUs Routine and Special Chemistry Reagent Market Forecast by Test
- U.S.A., Cancer Clinics Routine And Special Chemistry Test Volume Forecast
- U.S.A., Cancer Clinics Endocrine Function Test Volume Forecast
- U.S.A., Cancer Clinics Routine and Special Chemistry Reagent Market Forecast by Test
- U.S.A., Cancer Clinics Endocrine Function Reagent Market Forecast
- 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 Drugs of Abuse Test Volume Forecast
- U.S.A., Ambulatory Care Centers Routine and Special Chemistry Reagent Market Forecast by Test
- U.S.A., Ambulatory Care Centers Drugs of Abuse 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 Diagnostics Products, Estimated Sales and 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 Germany, Physician Offices/Group Practices Routine and Special Chemistry Test Volume Forecast

Germany, Physician Offices/Group Practices Endocrine Function Test Volume Forecast Germany, Physician Offices/Group Practices Major Cancer Diagnostic Test Volume Forecast

Germany, Physician Offices/Group Practices Immunoprotein Test Volume Forecast Germany, Physician Offices/Group Practices TDM Test Volume Forecast Germany, Physician Offices/Group Practices Routine Chemistry Reagent Market Forecast

Germany, Physician Offices/Group Practices Cancer Diagnostics Market Forecast by Test

Germany, Physician Offices/Group Practices Endocrine Function Diagnostics Market Forecast

Germany, Physician Offices/Group Practices TDM Reagent Market Forecast Germany, Physician Offices/Group Practices Immunoprotein Reagent Market Forecast Germany, Physician Offices/Group Practices Drugs of Abuse Reagent Market Forecast Germany, Major Suppliers of Clinical Chemistry Diagnostic Products Estimated Market Shares

Germany, Major Suppliers of Clinical Chemistry Reagent Estimated Market Shares Germany, Major Suppliers of Clinical Chemistry Analyzers Estimated Market Shares Germany, Major Suppliers of Immunodiagnostic Products Estimated Market Shares Germany, Major Suppliers of Immunodiagnostic Reagent Estimated Market Shares Germany, Major Suppliers of Immunoassay Analyzers Estimated Market Shares Spain, Laboratory Performing Chemistry and Immunoassay Tests Forecast by Market Segment

Spain, Ambulatory Care Centers Routine and Special Chemistry Test Volume Forecast Spain, Ambulatory Care Centers Endocrine Function Test Volume Forecast Spain, Ambulatory Care Centers TDM Test Volume Forecast Spain, Ambulatory Care Centers Immunoprotein Test Volume Forecast

Spain, Ambulatory Care Centers Drugs of Abuse Test Volume Forecast Spain, Ambulatory Care Centers Routine and Special Chemistry Reagent Market



Forecast

Spain, Ambulatory Care Centers Endocrine Function Reagent Market Forecast Spain, Ambulatory Care Centers TDM Reagent Market Forecast Spain, Ambulatory Care Centers Immunoprotein Reagent Market Forecast Spain, Ambulatory Care Centers Drugs of Abuse Reagent Market Forecast Spain, Major Suppliers of Clinical Chemistry Diagnostic Products Estimated Market Shares

Spain, Major Suppliers of Immunodiagnostics Products Estimated Market Shares



I would like to order

Product name: 2016-2020 POC/Point-of-Care Hematology and Flow Cytometry Markets: Physician

Offices, Emergency Rooms, Operating Suites, ICUs/CCUs, Cancer Clinics, Ambulatory Care Centers, Surgery Centers, Nursing Homes, Birth Centers--Supplier Shares, Volume and Sales Segment Forecasts, Emerging Technologies, Instrumentation Review,

Competitive Strategies

Product link: https://marketpublishers.com/r/205E560997AEN.html

Price: US\$ 6,800.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer

Service:

info@marketpublishers.com

Payment

First name:

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page https://marketpublishers.com/r/205E560997AEN.html

To pay by Wire Transfer, please, fill in your contact details in the form below:

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 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 $+44\ 20\ 7900\ 3970$