

2017 POC/Point-of-Care Hematology and Flow Cytometry Testing Market: New Frontiers, Business Challenges, Emerging Technologies, Competitive Landscape

<https://marketpublishers.com/r/PE6311E87D7EN.html>

Date: March 2017

Pages: 279

Price: US\$ 7,650.00 (Single User License)

ID: PE6311E87D7EN

Abstracts

VPGMarketResearchs new report provides comprehensive analysis of the POC hematology and flow cytometry markets, including their dynamics, size, growth, regulatory requirements, technological trends, competitive landscape, and emerging opportunities for instrument and consumable suppliers.

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

Review of POC hematology and flow cytometry 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 reagent and instrument suppliers.

Routine and Special Hematology Tests

CBC + 5-Part Differential, Manual Differential/Review, Hematocrit (Automated, Manual), Hemoglobin (Automated, Manual), Sedimentation Rate, Reticulocytes, WBC (Automated, Manual), Platelets (Automated, Manual), Bone Marrow Analysis, RBC, Eosinophils and others.

Flow Cytometry Tests

Cell Surface Markers (CD4/CD8/T&B Lymphocytes, CD34, Others), Chemotherapy Monitoring (Leukemia/Lymphoma, Others), HLA Typing, Sperm Analysis, Cell Cycle Kinetics, Cell Function Testing, Chromosomal Abnormalities, Fetal Cell Analysis, Granulocyte Function, Receptor DNA/RNA Analysis, Cell Culturing.

Technology Review

Emerging technologies and their applications for POC testing.

Comprehensive listings of companies developing or marketing POC diagnostic technologies and products, by test.

Strategic Recommendations

Specific opportunities for new POC 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.

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.

The companies analyzed in the report include:

Abbott

Accriva

ADI/American Diagnostica

Agilent Technologies

Alere/Biosite/Inverness

Axis-Shield

Beckman Coulter/Danaher

Becton Dickinson

Bio/Data

Biomerieux

Bio-Rad

Cepheid

Chrono-Log

Corgenix

Decode Genetics

Diadexus

Diagnocure

Diagnostica Stago/Trinity Biotech

Diamedix/Erba

Diasorin

Eiken Chemical

EKF Diagnostics

Fujirebio

Grifols

Helena Laboratories

Hologic/Gen-Probe

Horiba

Instrumentation Laboratory

Kreatech/Leica

Kyowa Medex

Lonza

Mackay Life Sciences

Matritech

Nihon Kohden

Ortho-Clinical Diagnostics

Polartechnics

Polymedco

Qiagen

Roche

SDIX

Sequenom

Siemens

Sienco

Sysmex

Takara Bio

Thermo Fisher

Tosoh

Wako

Zycare/Alere

Methodology

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

Major Routine and Special Hematology Tests

1. CBC ANALYSIS
 - a. Hemoglobin Concentration
 - b. Hematocrit Determination
 - c. Red Blood Cell Count
 - d. Platelets

INSTRUMENTATION: Hematology Analyzers Manufactured by:

Abbott
Becton Dickinson
Beckman Coulter/Danaher
Biocode
Drew Scientific
Diesse Ves Matic
Horiba
Menarini
Nihon Kohden
Polymedco
Sysmex

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

1. INDUSTRY DIVERSIFICATION

j. Physician Demographics

k. Aging Population

More Chronic Illness

Disease Incidence

Susceptibility to Infection

Multiple Illnesses Cases

l. 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' INSTRUMENT PLACEMENTS, INSTALLED BASE, INSTRUMENT AND CONSUMABLES SALES, AND MARKET SHARES

Germany

a. MARKET OVERVIEW

b. Market Structure

c. Market Summary

d. Test Volume and Sales Forecasts

e. Major Suppliers' Instrument Placements, Installed Base, Instrument and Consumables Sales, and Market Shares

Spain

a. Business Environment

b. Market Structure

- c. Market Summary
- d. Test Volume and Sales Forecasts
- e. Major Suppliers' Instrument Placements, Installed Base, Instrument and Consumables 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
Agilent Technologies
Beckman Coulter/Danaher
Becton Dickinson

Bio Rad
CellaVision
Horiba
Iris
Nihon Kohden
Ortho Clinical Diagnostics
Roche
Siemens
Sysmex

List Of Tables

LIST OF TABLES

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 Hematology Test Volume Forecast
U.S.A., Physician Offices Laboratories Flow Cytometry and Special Hematology Test Volume Forecast
U.S.A., Physician Offices/Group Practices Hematology and Flow Cytometry Test Volume Forecast by Practice Type
U.S.A., Physician Offices/Group Practices Hematology and Flow Cytometry Consumables Market Forecast
U.S.A., ANCILLARY HOSPITAL LOCATIONS Estimated Number
U.S.A., ANCILLARY HOSPITAL LOCATIONS Annual Utilization
U.S.A., Hospital Emergency Departments Routine Hematology Test Volume Forecast
U.S.A., Hospital Emergency Departments Hematology Reagent Market Forecast
U.S.A., Hospital Operating and Recovery Suites Routine Hematology Test Volume Forecast
U.S.A., Hospital Operating and Recovery Suites Hematology Reagent Market Forecast
U.S.A., Hospital ICUs/CCUs Routine Hematology Test Volume Forecast
U.S.A., Hospital ICUs/CCUs Hematology Reagent Market Forecast
U.S.A., Cancer Clinics Routine Hematology/Flow Cytometry Test Volume Forecast
U.S.A., Cancer Clinics Hematology and Flow Cytometry 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 Hematology Test Volume Forecast
U.S.A., Ambulatory Care Centers Hematology Reagent Market Forecast
U.S.A., Surgery Centers Most Frequently Performed Procedures
U.S.A., Surgery Centers Routine Hematology Test Volume Forecast
U.S.A., Surgery Centers Hematology Consumable Market Forecast
U.S.A., Nursing Homes Estimated Number of Facilities, Beds and Occupancy Rate
U.S.A., Nursing Homes Routine Hematology Test Volume Forecast
U.S.A., Nursing Homes Hematology Reagent Market Forecast
U.S.A., Birth Centers Facilities, Patient Visits, and Births
U.S.A., Birth Centers Routine Hematology Test Volume Forecast
U.S.A., Birth Centers Hematology Reagent Market Forecast
U.S.A., Hematology Analyzers Estimated Placements and Installed Base

U.S.A., Flow Cytometers Estimated Placements and Installed Base
U.S.A., Hematology Diagnostics Market Estimated Market Shares of Major Suppliers
U.S.A., Hematology Instrument Market Estimated Market Shares of Major Suppliers
U.S.A., Hematology Consumable Market Estimated Market Shares of Major Suppliers
U.S.A., Flow Cytometry Diagnostics Market Estimated Market Shares of Major Suppliers
U.S.A., Flow Cytometry Consumable Market Estimated Market Shares of Major Suppliers
U.S.A., Flow Cytometry Instruments Market Estimated Market Shares of Major Suppliers
Germany, Laboratory Performing Diagnostic Tests by Market Segment
Germany, Physician Offices Laboratories Routine Hematology Test Volume Forecast
Germany, Major Hematology Analyzers Estimated Placements and Installed Base
Germany, Major Flow Cytometers Estimated Placements and Installed Base
Germany, Hematology Diagnostics Market Market Shares of Major Suppliers
Germany, Hematology Instrument Market Market Shares of Major Suppliers
Germany, Hematology Consumable Market Market Shares of Major Suppliers
Germany, Flow Cytometry Diagnostics Market Market Shares of Major Suppliers
Germany, Flow Cytometry Instrument Market Market Shares of Major Suppliers
Spain, Laboratory Performing Hematology and Flow Cytometry Tests by Market Segment
Spain, Ambulatory Care Centers Routine Hematology Test Volume Forecast
Spain, Ambulatory Care Centers Flow Cytometry and Special Hematology Test Volume Forecast
Spain, Major Hematology Analyzers Estimated Placements and Installed Base
Spain, Major Flow Cytometers Estimated Placements and Installed Base
Spain, Hematology Diagnostics Market Market Shares of Major Suppliers
Spain, Hematology Consumables Market Market Shares of Major Suppliers
Spain, Hematology Instrument Market Market Shares of Major Suppliers
Spain, Flow Cytometry Diagnostics Market Market Shares of Major Suppliers
Spain, Flow Cytometry Consumables Market Market Shares of Major Suppliers
Spain, Flow Cytometry Instrument Market Market Shares of Major Suppliers

I would like to order

Product name: 2017 POC/Point-of-Care Hematology and Flow Cytometry Testing Market: New Frontiers, Business Challenges, Emerging Technologies, Competitive Landscape

Product link: <https://marketpublishers.com/r/PE6311E87D7EN.html>

Price: US\$ 7,650.00 (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/PE6311E87D7EN.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

