

# 2016-2020 Infectious Disease POC/Point-of-Care Diagnostic Testing Markets: Physician Offices/Group Practices, Emergency Rooms, Ambulatory Care Centers, Surgery Centers, Birth Centers

https://marketpublishers.com/r/27EF5BB7B41EN.html

Date: March 2016

Pages: 835

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

ID: 27EF5BB7B41EN

# **Abstracts**

This new 835-page report from VPGMarketResearch contains 80 tables, and provides a comprehensive analysis of the POC infectious disease testing 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 infectious disease testing 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 five POC market segments, including their dynamics, trends, structure, size, growth and major suppliers. Five-year test volume and reagent sales forecasts for major infectious disease tests by market segment:

Physician Offices/Group Practices

**Emergency Rooms** 

**Ambulatory Care Centers** 



## **Surgery Centers**

Birth Centers

## Sales and Market Share Analysis

Market shares of major infectious disease diagnostic reagent and instrument suppliers

## **Current and Emerging Products**

Analysis of infectious disease diagnostic tests performed in POC testing locations. -Review of leading infectious disease testing 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 coagulation 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 infectious disease testing 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 835 pages and 80 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

#### **WORLDWIDE MARKET AND TECHNOLOGY OVERVIEW**

- 1. AIDS
- 2. Adenovirus
- 3. Campylobacter
- 4. Candida
- 5. Chlamydia
- 6. Clostridium Difficile
- 7. Cytomegalovirus
- 8. Enteroviruses
- 9. Epstein-Barr Virus
- 10. Gonorrhea
- 11. Helicobacter Pylori
- 12. Hepatitis
- a. Hepatitis A
- b. Hepatitis B
- c. Hepatitis C
- d. Hepatitis D
- 13. Herpes Simplex Virus
- 14. Human Herpes Virus-6 (HHV-6)
- 15. Influenza Viruses



- 16. Legionella
- 17. Lyme Disease
- 18. Measles (Rubeola)
- 19. Meningitis
- 20. Mononucleosis
- 21. Mumps
- 22. Mycoplasma
- 23. Papillomaviruses
- 24. Pneumonia
- 25. Respiratory Syncytial Virus (RSV)
- 26. Rheumatoid Arthritis
- 27. Rotavirus (Reovirus)
- 28. Rubella (German Measles)
- 29. Salmonellosis
- 30. Shigellosis
- 31. Staphylococcus Aureus
- 32. Streptococci
- 33. Syphilis

#### INSTRUMENTATION: INFECTIOUS DISEASE ANALYZERS MANUFACTURED BY:

**Abbott** 

Beckman Coulter/Danaher

bioMeriuex

**Ortho-Clinical Diagnostics** 

Roche

Siemens

Tosoh

Wallac, and other suppliers

## **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
- C. Physician Offices/Group Practices
  - 1. Market Summary
  - 2. Market Structure
  - 3. Test Volume and Sales Forecasts
- D. 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
- E. Cancer Clinics
  - 1. Introduction
  - 2. Market Summary
  - 3. Test Volume and Sales Forecasts
- F. Ambulatory Care Centers
  - 1. Introduction
  - 2. Market Summary
  - 3. Market Structure
  - 4. Test Volume and Sales Forecasts
- G. Surgery Centers
  - 1. Introduction



- 2. Market Summary
- 3. Market Structure
- 4. Test Volume and Sales Forecasts
- H. Nursing Homes
  - 1. Introduction
  - 2. Market Summary
  - 3. Market Structure
  - 4. Test Volume and Sales Forecasts
- I. Birth Centers
  - 1. Introduction
  - 2. Market Summary
  - 3. Market Structure
  - 4. Test Volume and Sales Forecasts
- J. Major Suppliers' Instrument Placements, Installed Base, Reagent Sales and Market Shares

#### **GERMANY**

- A. Market Overview
- B. Market Structure
- C. Market Summary
- D. Major Suppliers' Reagent Sales and Market Shares

#### **SPAIN**

- A. Business Environment
- B. Market Structure
- C. Market Summary
- D. Major Suppliers' Reagent 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

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



Diasorin

Eiken Chemical

**EKF Diagnostics** 

Fujirebio

Grifols

Helena Laboratories

Hologic/Gen-Probe

Horiba

Instrumentation Laboratory

International Technidyne/Nexus DX

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

ThermoFisher

Tosoh

Wako

Zycare/Alere



## **List Of Tables**

#### LIST OF TABLES

Major Companies Developing or Marketing AIDS Tests

Major Companies Developing or Marketing Adenovirus Tests

Major Companies Developing or Marketing Campylobacter Tests

Major Companies Developing or Marketing Candida Tests

Major Companies Developing or Marketing CMV Tests

Major Companies Developing or Marketing EBV Tests

Major Companies Developing or Marketing Gonorrhea Tests

Major Companies Developing or Marketing Helicobacter Pylori Tests

Major Companies Developing or Marketing Hepatitis Tests

Major Companies Developing or Marketing Herpes Tests

Major Companies Developing or Marketing Influenza Tests

Major Companies Developing or Marketing Legionella Tests

Major Companies Developing or Marketing Lyme Disease Tests

Major Companies Developing or Marketing Measles Tests

Major Companies Developing or Marketing Meningitis Tests

Major Companies Developing or Marketing Mononucleosis Tests

Major Companies Developing or Marketing Mumps Tests

Major Companies Developing or Marketing Mycoplasma Tests

Major Companies Developing or Marketing Pneumonia Tests

Major Companies Developing or Marketing RSV Tests

Major Companies Developing or Marketing Rotavirus Tests

Major Companies Developing or Marketing Rubella Tests

Major Companies Developing or Marketing Salmonella Tests

Major Companies Developing or Marketing Shigella Tests

Major Companies Developing or Marketing Streptococci Tests

Major Companies Developing or Marketing Syphilis 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 Infectious Disease Test Volume Forecast

U.S.A., Physician Offices/Group Practices Microbiology Test Volume Forecast

U.S.A., Physician Offices/Group Practices Infectious Disease Reagent and Instrument Sales Forecast

U.S.A., Physician Offices/Group Practices Microbiology Reagent and Instrument Sales Forecast



- U.S.A., Ancillary Hospital Locations Estimated Number
- U.S.A., Ancillary Hospital Locations Annual Utilization
- U.S.A., Hospital Emergency Departments Infectious Disease Test Volume Forecast
- U.S.A., Hospital Emergency Departments Infectious Disease Reagent and Instrument Sales 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 Infectious Disease Test Volume Forecast
- U.S.A., Ambulatory Care Centers Microbiology And Serology Test Volume Forecast
- U.S.A., Ambulatory Care Centers Infectious Disease Reagent and Instrument Sales Forecast
- U.S.A., Ambulatory Care Centers Microbiology and Serology Reagent and Instrument Sales Forecast
- U.S.A., Surgery Centers Most Frequently Performed Procedures
- U.S.A., Surgery Centers Microbiology and Serology Test Volume Forecast
- U.S.A., Surgery Centers Microbiology And Serology Reagent and Instrument Sales Forecast
- U.S.A., Birth Centers Facilities, Patient Visits, and Births
- U.S.A., Birth Centers Microbiology and Serology Test Volume Forecast
- U.S.A., AIDS Testing Market Estimated Market Shares of Major Suppliers
- U.S.A., Chlamydia Testing Market Estimated Market Shares of Major Suppliers
- U.S.A., CMV Testing Market Estimated Market Shares of Major Suppliers
- U.S.A., Gonorrhea Testing Market Estimated Market Shares of Major Suppliers
- U.S.A., Helicobacter Pylori Testing Market Estimated Market Shares of Major Suppliers
- U.S.A., Hepatitis Testing Market Estimated Market Shares of Major Suppliers
- U.S.A., Herpes Testing Market Estimated Market Shares of Major Suppliers
- U.S.A., Influenza Testing Market Estimated Market Shares of Major Suppliers
- U.S.A., Lyme Disease Testing Market Estimated Market Shares of Major Suppliers
- U.S.A., Mononucleosis Testing Market Estimated Market Shares of Major Suppliers
- U.S.A., Rubella Testing Market Estimated Market Shares of Major Suppliers
- U.S.A., Streptococci Testing Market Estimated Market Shares of Major Suppliers
- U.S.A., Syphilis Testing Market Estimated Market Shares of Major Suppliers
- Germany, Laboratory Performing Diagnostic Tests by Market Segment
- Germany, AIDS Testing Market Estimated Market Share of Major Suppliers
- Germany, Gonorrhea Testing Market Estimated Market Share of Major Suppliers
- Germany, Hepatitis Testing Market Estimated Market Share of Major Suppliers
- Germany, Herpes Testing Market Estimated Market Share of Major Suppliers
- Germany, Influenza Testing Market Estimated Market Share of Major Suppliers
- Germany, Mononucleosis Testing Market Estimated Market Share of Major Suppliers



Germany, Septicemia Testing Market Estimated Market Share of Major Suppliers Germany, Streptococci Testing Market Estimated Market Share of Major Suppliers Spain, Laboratory Performing Infectious Disease Tests by Market Segment Spain, AIDS Testing Market Estimated Market Shares of Major Suppliers Spain, Chlamydia Testing Market Estimated Market Shares of Major Suppliers Spain, Hepatitis Testing Market Estimated Market Shares of Major Suppliers Spain, Herpes Testing Market Estimated Market Shares of Major Suppliers Spain, Influenza Testing Market Estimated Market Shares of Major Suppliers Spain, Mononucleosis Testing Market Estimated Market Shares of Major Suppliers Spain, Rubella Testing Market Estimated Market Shares of Major Suppliers Spain, Streptococci Testing Market Estimated Market Shares of Major Suppliers Spain, Syphilis Testing Market Estimated Market Shares of Major Suppliers



## I would like to order

Product name: 2016-2020 Infectious Disease POC/Point-of-Care Diagnostic Testing Markets: Physician

Offices/Group Practices, Emergency Rooms, Ambulatory Care Centers, Surgery Centers,

Birth Centers

Product link: https://marketpublishers.com/r/27EF5BB7B41EN.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**

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <a href="https://marketpublishers.com/r/27EF5BB7B41EN.html">https://marketpublishers.com/r/27EF5BB7B41EN.html</a>

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 <a href="https://marketpublishers.com/docs/terms.html">https://marketpublishers.com/docs/terms.html</a>

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