

Physician Office Diagnostics Market 2021: Supplier Shares, Volume and Sales Forecasts for 300 Tests, Competitive Strategies, Innovative Technologies, Instrumentation Review

https://marketpublishers.com/r/PA0138CA6E6EN.html

Date: November 2017 Pages: 970 Price: US\$ 12,500.00 (Single User License) ID: PA0138CA6E6EN

Abstracts

This 970-page report provides comprehensive analysis of the physician office/group practice diagnostics market, including its dynamics, size, growth, regulatory requirements, technological trends, competitive landscape, and emerging opportunities for instrument and consumable suppliers.

This report will help diagnostic reagent and instrument suppliers develop more effective business, R&D and marketing strategies.

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 the physician office/group practice diagnostics market, including its dynamics, trends, structure, size, growth and major suppliers.

Five-year test volume and reagent sales forecasts for over 300 chemistry, immunodiagnostic, microbiology, hematology and coagulation procedures, including:



Routine and Special Chemistry

Microbiology/Infectious Diseases

Hematology

Flow Cytometry

Coagulation

Immunoproteins

Drugs of Abuse

TDM

Endocrine Function

Tumor Markers

Sales and Market Share Analysis

Sales and market shares of major reagent and instrument suppliers.

Current and Emerging Products

Analysis of over 130 diagnostic procedures.

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

Technology Review

Emerging technologies and their applications for physician office/group practice



diagnostic testing.

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

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 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.

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 970 pages and 152 tables



Contents

INTRODUCTION

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

- A. Major Routine 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. Ferratin
 - 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

Infectious Disease Tests

- 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
- **Tumor Markers**
 - 1. Alpha-Fetoprotein (AFP)
 - 2. Carcinoembrionic Antigen (CEA)
 - 3. Occult Blood
 - 4. Prostatic Acid Phosphatase (PAP)
 - 5. Prostate-Specific Antigen (PSA)
- Major Routine and Special Hematology Tests
 - 1. CBC Analysis
 - a. Hemoglobin Concentration
 - b. Hematocrit Determination
 - c. Red Blood Cell Count
 - d. Platelets
- **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

Coagulation Tests

- 1. Introduction
- 2. Activated Partial Thromboplastin Time (APTT)
- 3. Alpha-2 Antiplasmin
- 4. Antithrombin III
- 5. Bleeding Time
- 6. D-Dimer
- 7. Factor VIII
- 8. Fibrin Degradation Products
- 9. Fibrinogen
- 10. Heparin
- 11. Proteins C and S
- 12. Prothrombin Time (PT)
- 13. Thrombin Time

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

1. 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

2. Hematology Analyzers Manufactured by:

Abbott

Becton Dickinson

Beckman Coulter/Danaher

Biocode

Drew-Scientific

Diesse Ves Matic

Horiba

Menarini

Nihon Kohden

Polymedco

Sysmex

3. Coagulation Analyzers Manufactured by:

Behnk Elektronik

Bio/Data

Cardiovascular Diagnostics

Diagnostica Stago

Helena Laboratories

Instrumentation Laboratory



ITC Hemochron

Roche

Siemens

Sysmex

Teco Medical Instruments

Trinity Biotech

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

WORLDWIDE BUSINESS ENVIRONMENT





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. Major Suppliers' Instrument Placements, Installed Base, Consumables 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 ADI/America Diagnostica Agilent Technologies Alere/Biosite/Inverness Axis-Shield Beckman Coulter/Danaher Becton Dickinson Bio/Data Biomerieux Bio-Rad Cepheid

Physician Office Diagnostics Market 2021: Supplier Shares, Volume and Sales Forecasts for 300 Tests, Competiti...





Chrono-Log Corgenix Decode Diadexus Diagnocure **Diagnostica Stago/Trinity Biotech** Diamedix Diasorin **Eiken Chemical EKF** Diagnostics Fujirebio/Innogenetics Grifols Helena Laboratories Hologic/Gen-Probe Horiba Instrumentation Laboratory International Technidyne/Nexus DX **Kreatech** Kyowa Medex Lonza Mackay Life Sciences Matritech Nihon Kohden **Ortho-Clinical Diagnostics Polartechnics** Polymedco Qiagen Roche SDIX Sequenom Siemens Sienco Sysmex Takara Bio ThermoFisher/Life Technologies Tosoh Wako Zycare/Alere





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 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 Major Companies Developing or Marketing AFP Tests Major Companies Developing or Marketing CEA 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 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 APTT Tests Major Companies Developing or Marketing Alpha-2 Antiplasmin Tests Major Companies Developing or Marketing Antithrombin III Tests Major Companies Developing or Marketing Bleeding Time Tests Major Companies Developing or Marketing D-Dimer Tests Major Companies Developing or Marketing Factor Assays Tests



Major Companies Developing or Marketing Fibrin Degradation Product Tests

Major Companies Developing or Marketing Fibrinogen Tests

Major Companies Developing or Marketing Heparin Tests

Major Companies Developing or Marketing Protein C Tests

Major Companies Developing or Marketing Protein S Tests

Major Companies Developing or Marketing PT Tests

Major Companies Developing or Marketing Thrombin Time Tests

Major Companies Developing or Marketing CRP Tests

Major Companies Developing or Marketing Drugs of Abuse Tests

U.S.A., Physician Offices/Group Practices Total Diagnostic Sales Forecast by Market Segment

U.S.A., Physician Offices/Group Practices Reagent Sales Forecast by Market Segment

U.S.A., Physician Offices/Group Practices Instrument Sales Forecast by Market Segment

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 Laboratories Major Infectious Disease Test Volume Forecast

U.S.A., Physician Offices/Group Practice Microbiology Test Volume Forecast by Market Segment

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 Coagulation 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 Microbiology/Infectious Disease Test Volume Forecast by Practice Type

U.S.A., Physician Offices/Group Practices Hematology and Flow Cytometry 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 Laboratories Major Infectious Disease Reagent Market Forecast by Test

U.S.A., Physician Offices/Group Practices Microbiology Reagent Market Forecast By Market Segment

U.S.A., Physician Offices/Group Practices Hematology and Flow Cytometry Consumables Market Forecast

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 Coagulation Reagent Market Forecast

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

U.S.A., Major Suppliers of Clinical Chemistry Analyzers: Estimated Sales and Market Shares

U.S.A., Major Suppliers of Immunodiagnostic Products: Estimated Sales and Market Shares

U.S.A., Major Suppliers of Immunoassay Reagents: Estimated Sales and Market Shares

U.S.A., Major Suppliers of Immunoassay Analyzers: Estimated Sales and Market Shares

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
- U.S.A., AFP Testing Market by Major Suppliers
- U.S.A., CA 15-3/27-29 Testing Market by Major Suppliers
- U.S.A., CA 19-9 Testing Market by Major Suppliers
- U.S.A., CEA Testing Market by Major Suppliers
- U.S.A., PAP Testing Market by Major Suppliers
- U.S.A., PSA Testing Market by Major Suppliers
- 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

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



I would like to order

 Product name: Physician Office Diagnostics Market 2021: Supplier Shares, Volume and Sales Forecasts for 300 Tests, Competitive Strategies, Innovative Technologies, Instrumentation Review
Product link: <u>https://marketpublishers.com/r/PA0138CA6E6EN.html</u>
Price: US\$ 12,500.00 (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/PA0138CA6E6EN.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



Physician Office Diagnostics Market 2021: Supplier Shares, Volume and Sales Forecasts for 300 Tests, Competiti...