

# 2015 Diagnostic Testing in Physician Offices and Group Practices: Supplier Shares and Sales Forecasts for Over 300 Tests

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## **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 ten 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 Venture Planning Group'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. 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

#### **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** 

AxisShield

Beckman Coulter/Danaher

**Becton Dickinson** 

Bio/Data

Biomerieux

**BioRad** 

Biosite/Inverness/Alere

Cepheid

ChronoLog

Corgenix

Decode

Diadexus

Diagnocure

Diagnostica Stago/Trinity Biotech

Diamedix

Diasorin

Eiken Chemical

**EKF Diagnostics** 

Fujirebio/Innogenetics

Helena Laboratories

Hologic/GenProbe

Horiba

Instrumentation Laboratory

International Technidyne/Nexus DX

Kreatech

Kyowa Medex

Life Technologies

Lonza

Mackay Life Sciences

Matritech

Nihon Kohden

OrthoClinical 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 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., CA15- 3/27- 29 Testing Market by Major Suppliers
- U.S.A., CA19- 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



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