

New Frontiers in the US Point-of-Care/POC Diagnostic Testing: Business Challenges, Emerging Technologies, Competitive Landscape

Table of 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

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. Folate/Folic Acid

Table of Contents (continued)

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

Table of Contents (continued)

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. Carcinoembryonic 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

Table of Contents (continued)

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

Table of Contents (continued)

- 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

Table of Contents (continued)

- 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

Table of Contents (continued)

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 Iatrogenesis
 - ? Multiple Illnesses Cases

l. Laboratory Regulations

2. Market Structure

- a. Hospitals
- b. Commercial/Private Laboratories

B. Personal Testing

1. Glucose Monitoring

- ? Market and Technology Overview
- ? Invasive Testing
- ? Non-Invasive Testing
- ? Genetic Testing

2. Pregnancy Tests

3. Occult Blood Tests

4. Market Size and Growth

C. Physician Offices/Group Practices

1. Market Summary

2. Market Structure

3. Test Volume and Sales Forecasts

Table of Contents (continued)

- 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, Consumables Sales and Market Shares

Table of Contents (continued)

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
- Axis-Shield

Table of Contents (continued)

- Beckman Coulter/Danaher
- Becton Dickinson
- Bio/Data
- Biomerieux
- Bio-Rad
- Biosite/Inverness/Alere
- Cepheid
- 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

Executive Summary Table I: All Decentralized Testing Markets, Diagnostics Sales Forecasts by Market Segment

Executive Summary Table II: All Decentralized Testing Markets, Reagent Sales Forecasts by Market Segment

Executive Summary Table III: All Decentralized Testing Markets, Instrument Sales Forecasts by Market Segment

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

List of Tables (continued)

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

List of Tables (continued)

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

List of Tables (continued)

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

List of Tables (continued)

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

List of Tables (continued)

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

List of Tables (continued)

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., Personal Testing
Total Diagnostic Market Forecast

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

List of Tables (continued)

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
Immunoprotein 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

List of Tables (continued)

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

List of Tables (continued)

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., Ancillary Hospital Locations Estimated Number

U.S.A., Ancillary Hospital Locations Annual Utilization

U.S.A., Hospital Emergency Departments
Total Diagnostics Sales Forecast
by Market Segment

U.S.A., Hospital Emergency Departments
Reagent Sales Forecast by Market Segment

U.S.A., Hospital Emergency Departments
Instrument Sales Forecast by Market Segment

U.S.A., Hospital Emergency Departments Routine
and Special Chemistry Test Volume Forecast

U.S.A., Hospital Emergency Departments
Profiles, Panels and Individual Tests

List of Tables (continued)

U.S.A., Hospital Emergency Departments
Drugs of Abuse Test Volume Forecast

U.S.A., Hospital Emergency Departments
Routine Hematology Test Volume Forecast

U.S.A., Hospital Emergency Departments
Coagulation Test Volume Forecast

U.S.A., Hospital Emergency Departments
Selected Infectious Disease
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 Emergency Departments
Hematology Reagent Market Forecast

U.S.A., Hospital Emergency Departments
Coagulation Reagent Market Forecast

U.S.A., Hospital Emergency Departments
Selected Infectious Disease Reagent Market
Forecast by Test

U.S.A., Hospital Operating and Recovery Suites
Total Diagnostics Sales Forecast by Market Segment

U.S.A., Hospital Operating and Recovery Suites
Reagent Sales Forecast by Market Segment

U.S.A., Hospital Operating and Recovery Suites
Instrument Sales Forecast By Market Segment

List of Tables (continued)

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 Hematology Test Volume Forecast

U.S.A., Hospital Operating and Recovery Suites
Coagulation Test Volume Forecast

U.S.A., Hospital Operating and Recovery Suites
Routine and Special Chemistry Reagent Market
Forecast by Test

U.S.A., Hospital Operating and Recovery Suites
Hematology Reagent Market Forecast

U.S.A., Hospital Operating and Recovery Suites
Coagulation Reagent Market Forecast

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
Hematology Test Volume Forecast

U.S.A., Hospital ICUs/CCUs
Coagulation Test Volume Forecast

List of Tables (continued)

U.S.A., Hospital ICUs/CCUs Routine
and Special Chemistry Reagent Market
Forecast by Test

U.S.A., Hospital ICUs/CCUs
Hematology Reagent Market Forecast

U.S.A., Hospital ICUs/CCUs
Coagulation Reagent Market Forecast

U.S.A., Cancer Clinics Total Diagnostics
Sales Forecast by Market Segment

U.S.A., Cancer Clinics Reagent
Sales Forecast by Market Segment

U.S.A., Cancer Clinics Instrument
Sales Forecast by Market Segment

U.S.A., Cancer Clinics Major
Tumor Markers Test Volume Forecast

U.S.A., Cancer Clinics Routine
And Special Chemistry
Test Volume Forecast

U.S.A., Cancer Clinics Routine
Hematology/Flow Cytometry
Test Volume Forecast

U.S.A., Cancer Clinics Endocrine
Function Test Volume Forecast

U.S.A., Cancer Clinics Coagulation
Test Volume Forecast

U.S.A., Cancer Clinics Major Tumor
Marker Sales Forecast by Test

List of Tables (continued)

U.S.A., Cancer Clinics Routine and
Special Chemistry Reagent Market
Forecast by Test

U.S.A., Cancer Clinics Hematology
And Flow Cytometry
Reagent Market Forecast

U.S.A., Cancer Clinics Endocrine
Function Reagent Market Forecast

U.S.A., Cancer Clinics Coagulation
Reagent Market Forecast

U.S.A., Ambulatory Care Centers Total
Diagnostics Sales Forecast by Market Segment

U.S.A., Ambulatory Care Centers Reagent
Sales Forecast by Market Segment

U.S.A., Ambulatory Care Centers
Instrument Sales Forecast by Market Segment

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 Routine
Hematology Test Volume Forecast

U.S.A., Ambulatory Care Centers Microbiology
and Serology Test Volume Forecast

U.S.A., Ambulatory Care Centers
Drugs of Abuse Test Volume Forecast

List of Tables (continued)

U.S.A., Ambulatory Care Centers
Coagulation 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., Ambulatory Care Centers
Hematology Reagent Market Forecast

U.S.A., Ambulatory Care Centers Microbiology
and Serology Reagent Market Forecast by Test

U.S.A., Ambulatory Care Centers
Coagulation Reagent Market Forecast

U.S.A., Surgery Centers Total Diagnostics
Sales Forecast by Market Segment

U.S.A., Surgery Centers Reagent
Sales Forecast by Market Segment

U.S.A., Surgery Centers Instrument
Sales Forecast by Market Segment

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
Hematology Test Volume Forecast

U.S.A., Surgery Centers Coagulation
Test Volume Forecast

List of Tables (continued)

U.S.A., Surgery Centers Microbiology
and Serology Test Volume Forecast

U.S.A., Surgery Centers Routine and
Special Chemistry Reagent Market
Forecast by Test

U.S.A., Surgery Centers Hematology
Consumable Market Forecast

U.S.A., Surgery Centers Coagulation
Reagent Market Forecast

U.S.A., Nursing Homes Total Diagnostics
Sales Forecast by Market Segment

U.S.A., Nursing Homes Reagent
Sales Forecast by Market Segment

U.S.A., Nursing Homes Instrument
Sales Forecast by Market Segment

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 Coagulation
Test Volume Forecast

U.S.A., Nursing Homes Routine
Hematology Test Volume Forecast

U.S.A., Nursing Homes Routine and
Special Chemistry Reagent Market
Forecast by Test

List of Tables (continued)

U.S.A., Nursing Homes Coagulation
Reagent Market Forecast

U.S.A., Nursing Homes Hematology
Reagent Market Forecast

U.S.A., Birth Centers Total Diagnostics
Sales Forecast by Market Segment

U.S.A., Birth Centers Reagent
Sales Forecast by Market Segment

U.S.A., Birth Centers Instrument
Sales Forecast by Market Segment

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 Microbiology
and Serology Test Volume Forecast

U.S.A., Birth Centers
Coagulation Test Volume Forecast

U.S.A., Birth Centers Routine
Hematology Test Volume Forecast

U.S.A., Birth Centers Routine and
Special Chemistry Reagent Market
Forecast by Test

U.S.A., Birth Centers Microbiology
and Serology Testing Market Forecast

List of Tables (continued)

U.S.A., Birth Centers Hematology
Reagent Market Forecast

U.S.A., Birth Centers Coagulation
Reagent Market Forecast

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

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

List of Tables (continued)

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

List of Tables (continued)

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., Major Suppliers of Coagulation
Diagnostic Products Estimated Market Shares
of Major Suppliers