

# **2016 Future Horizons and Growth Strategies in the US Clinical Chemistry and Immunodiagnostic Markets: Instrument and Reagents Supplier Shares, Country Segment Forecasts, Competitive Intelligence, Opportunities**

<https://marketpublishers.com/r/2B1476B8D72EN.html>

Date: October 2015

Pages: 600

Price: US\$ 9,200.00 (Single User License)

ID: 2B1476B8D72EN

## **Abstracts**

Complete report \$11,500. DataPack (test volumes, sales forecasts, supplier shares) \$7,500

'2016 Future Horizons and Growth Strategies in the US Clinical Chemistry and Immunodiagnostic Markets' is a new strategic analysis of major business opportunities emerging in the US clinical chemistry and immunodiagnostic markets during the next five years. The report explores future trends in the US market; provides estimates of the specimen, test and sales volumes, as well as major suppliers' sales and market shares; compares features of leading analyzers; profiles key competitors; and identifies specific product and marketing opportunities emerging during the next five years.

The report provides five-year volume and sales forecasts for over 100 clinical chemistry, TDM, endocrine, cancer, immunoprotein and abused drug assays performed in hospitals, commercial laboratories, physician offices, and ambulatory care centers, including controls, calibrators and consumables.

## **Rationale**

The clinical chemistry and immunodiagnostic markets are undergoing significant transformation, caused by convergence of new and more stringent regulations; advances in diagnostic technologies, system engineering, automation, and IT; and intensifying competition. Some segments, like routine chemistry, are already resembling

commodity markets, where product positioning and cost per test are more critical than underlying technology. This evolving marketplace creates exciting opportunities for a variety of new instruments, reagent systems, and auxiliary products, such as specimen preparation devices, controls, and calibrators.

### **Strategic Recommendations**

New product development opportunities with significant market appeal.

Alternative market penetration strategies.

Potential market entry barriers and risks.

### **Competitive Assessments**

Strategic assessments of major suppliers and emerging market entrants, including their sales, product portfolios, marketing tactics, collaborative arrangements and new products in R&D.

The companies analyzed in the report include

Abbott, AdnaGen, Agilent, Bayer, Beckman Coulter/Danaher, Biomedical Diagnostics, bioMerieux, Bio-Rad, DiaSorin, Eiken, Fujirebio, Grifols IL, Kyowa Medex, Matritech/Alere Ortho-Clinical Diagnostics, Quest Diagnostics, Roche, Siemens, Sysmex, Thermo Fisher, Tosoh, Wako, Wallac/PE.

Tests Analyzed in the Report:

#### **Routine Clinical Chemistry**

Albumin, Alkaline Phosphatase, ALT/SGPT, Ammonia, Amylase, AST/SGOT, Bilirubin, Total, BUN (Blood Urea Nitrogen), Calcium, Cardio CRP, Carbon Dioxide/Bicarbonate, Chloride, Cholesterol, Creatine Kinase (CK), CK-MB, Creatinine, CRP, Ferritin, GGT, Glucose, HDL Cholesterol, Homocysteine, Iron, LDH, LDL Cholesterol, Magnesium, Phosphorus, Potassium, Protein, Total, Sodium, Triglycerides, Troponin, Uric Acid.

#### **Therapeutic Drug Monitoring (TDM)**

Amikacin, Carbamazepine, Cyclosporin, Digoxin, Everolimus, Gentamicin, Levetiracetam, Lithium, Methotrexate, NAPA/Procainamide, Phenobarbital, Phenytoin, Quinidine, Sirolimus, Tacrolimus, Theophylline, Tobramycin, Topiramate, Valproic Acid, Vancomycin.

#### Endocrine Function

Cortisol, Estradiol, FSH, HCG, Gastrin, LH, Progesterone, PTH/IO PTH, Prolactin, T3, T3 Uptake, Free T3, T4, Free T4, TBG, Testosterone, Thyroglobulin Ab, TPO Ab, TSH.

#### Tumor Markers and Special Chemistry

AFP, CA 15-3/27-29, CA 19-9, CEA, Ferritin, Folate (Folic Acid), Glycosylated Hemoglobin, HCG, 25-Hydroxy Vitamin D2 and D3, Occult Blood, PAP, PSA, Thyroglobulin, Vitamin B-12.

#### Immunoproteins

C3, C4, Free Light Chains, Haptoglobin, IgA, IgE Specific, IgE Total, IgG, IgM, Immunofixation, Prealbumin, Protein Electrophoresis.

#### Drugs of Abuse

Amphetamines, Barbiturates, Benzodiazepines, Cannabinoids/Marijuana, Cocaine, LSD, Methadone, Methaqualone, Opiates, Phencyclidine (PCP), Propoxyphene, Tricyclic Antidepressants.

#### Market Segmentation Analysis

Comprehensive review of the market dynamics, trends, structure, size, growth, and key suppliers.

Test volume and sales forecasts for over 100 clinical chemistry, TDM, endocrine, cancer, immunoprotein and abused drug assays, by market segment:

Hospitals

Commercial/Private Laboratories

Physician Offices/Group Practices

## Current and Emerging Products

Analysis of current and emerging clinical chemistry and immunodiagnostic tests.

Review of current instrumentation technologies, and feature comparison of high-, medium-, and low-volume/POC analyzers.

## Technology Review

Assessment of current and emerging technologies, and their potential market applications.

Comprehensive lists of companies developing or marketing new technologies and products by test.

Contains 600 pages and 120 tables

## Contents

### **I. INTRODUCTION**

### **II. WORLDWIDE MARKET OVERVIEW**

1. Business Environment
2. Market Structure
3. Market Size and Growth

### **III. MAJOR PRODUCT DEVELOPMENT OPPORTUNITIES**

### **IV. DESIGN CRITERIA FOR DECENTRALIZED TESTING PRODUCTS**

### **V. ALTERNATIVE MARKET PENETRATION STRATEGIES**

- A. Internal Development
- B. Collaborative Arrangements
- C. University Contracts
- D. Distribution Strategies for Decentralized Testing Markets

### **VI. 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

### **VII. 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, Total
  8. Blood Gases
  9. Blood Urea Nitrogen (BUN)
  10. Calcium
  11. Cardio CRP
  12. Cholesterol
  13. Cholinesterase
  14. CRP
  15. Creatinine
  16. Electrolytes
    - a. Carbon Dioxide/Bicarbonate
    - b. Chloride
    - c. Potassium
    - d. Sodium
  17. Ferritin
  18. Fructosamine
  19. Gamma-Glutamyl Transpeptidase (GGT)
  20. Glucose
  21. High Density Lipoprotein (HDL)
  22. Homocysteine
  23. Iron
  24. Lactate Dehydrogenase (LDH)
  25. Magnesium
  26. Phosphorus
  27. Protein
  28. Triglycerides
  29. Uric Acid
  30. Troponin
- B. Therapeutic Drug Monitoring (TDM)**
1. Overview
  2. Carbamazepine
  3. Cyclosporin
  4. Digoxin
  5. Everolimus
  6. Gentamicin
  7. Lamotrigine/Lamictal
  8. Levetiracetam
  9. Lidocaine

10. Lithium
11. NAPA/Procainamide
12. Phenytoin
13. Quinidine
14. Sirolimus
15. Tacrolimus
16. Theophylline
17. Topirimate
18. Valproic Acid

#### C. Endocrine Function Tests

1. Cortisol
2. Estradiol
3. Follicle-Stimulating Hormone (FSH)
4. Gastrin
5. Growth Hormone/IGF-1
6. Human Chorionic Gonadotropin (HCG)
7. LH
8. Progesterone
9. PTH/IO PTH
10. Prolactin
11. T3
12. T3 Free
13. T3 Uptake
14. T4 (Thyroxine)
15. T4 Free
16. TBG
17. Testosterone
18. Thyroglobulin Ab
19. TPO Ab
20. TSH

#### D. Tumor Markers and Special Chemistry Tests

1. AFP
2. CA 15-3
3. CA 19-9
4. CA 27-29
5. Carcinoembryonic Antigen (CEA)
6. Folate/Folic Acid
7. HCG
8. 25-Hydroxy Vitamin D2 and D3

9. Occult Blood
  10. Prostate-Specific Antigen (PSA)
  11. Thyroglobulin
  12. Vitamin B-12
- E. Immunoprotein Tests
1. Complement
    - a. C3
    - b. C4
  2. Free Light Chains
  3. Immunofixation
  4. Immunoglobulins (IgA, IgE, IgG, IgM)
  5. Haptoglobin
  6. Prealbumin
  7. Protein Electrophoresis
- F. 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
  13. Tricyclic Antidepressants
- G. Clinical Chemistry and Immunodiagnostic Instrumentation Review: operating characteristics and features of high-, medium-, and low-volume/POC analyzers
- H. Major Clinical Chemistry and Immunodiagnostic Technologies and Their Potential Applications
1. Monoclonal and Polyclonal Antibodies
  2. Immunoassays
  3. Tandem Mass Spec
  4. IT and Automation
  5. Dry Chemistry
  6. Biosensors



## **VIII. U.S.A. CLINICAL CHEMISTRY AND IMMUNODIAGNOSTICS MARKET**

- A. Executive Summary
- B. Business Environment
- C. Market Structure
- D. Market Size, Test Volume and Sales Forecasts by Market Segment, Major Supplier Instrument, Reagent Sales and Market Shares

## **IX. COMPETITIVE ASSESSMENTS**

Abbott Laboratories  
AdnaGen/Alere  
Agilent Technologies  
Bayer Healthcare  
Beckman Coulter/Danaher  
Biomedical Diagnostics  
BioMerieux  
Bio-Rad  
DiaSorin  
Eiken  
Fujirebio  
Grifols  
Instrumentation Laboratory  
Kyowa Medex  
Matriech/Alere  
Ortho-Clinical Diagnostics  
Quest Diagnostics  
Roche  
Siemens  
Sysmex  
Thermo Fisher  
Tosoh  
Wako  
Wallac/PE

## 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 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 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 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 AFP Tests  
Major Companies Developing or Marketing CEA Tests  
Major Companies Developing or Marketing Ferritin 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 Vitamin B-12/Folate Tests  
Major Companies Developing or Marketing CRP Tests  
Major Companies Developing or Marketing Drugs of Abuse Tests  
Major Companies Developing or Marketing Biosensors for Immunological Testing  
Executive Summary Table: U.S.A., Clinical Chemistry and Immunoassay Test Volume and Diagnostics Sales Forecast By Test Category  
U.S.A., Laboratories Performing Chemistry and Immunoassay Testing By Market Segment  
U.S.A., Hospital Laboratories Performing Chemistry and Immunoassay Tests By Bed Size  
U.S.A., Commercial/Private Laboratories Performing Chemistry and Immunoassay Tests By Annual Test Volume  
U.S.A., Total Chemistry and Immunoassay Specimen Volume Forecast  
U.S.A., All Market Segments, Specimen Volume Forecast By Test Category  
U.S.A., Total Clinical Chemistry and Immunoassay Test Volume Forecast By Test Category  
U.S.A., Routine Chemistry Test Volume Forecast By Market Segment  
U.S.A., TDM Test Volume Forecast By Market Segment  
U.S.A., Endocrine Function Test Volume Forecast By Market Segment  
U.S.A., Drugs of Abuse Test Volume Forecast By Market Segment  
U.S.A., Tumor Markers and Special Chemistry Test Volume Forecast By Market Segment  
U.S.A., Immunoprotein Test Volume Forecast By Market Segment  
U.S.A., All Market Segments, Profiles, Panels and Individual Tests Forecast  
U.S.A., Hospital Laboratories, Profiles, Panels and Individual Tests Forecast  
U.S.A., Commercial/Private Laboratories, Profiles, Panels and Individual Tests Forecast  
U.S.A., Physician Offices/Group Practices, Profiles, Panels and Individual Tests Forecast  
U.S.A., All Market Segments, Routine Chemistry Test Volume Forecast by Assay  
U.S.A., Hospital Laboratories, Routine Chemistry Test Volume Forecast by Assay  
U.S.A., Commercial/Private Laboratories, Routine Chemistry Test Volume Forecast by Assay  
U.S.A., Physician Offices/Group Practices, Routine Chemistry Test Volume Forecast by

## Assay

U.S.A., All Market Segments, TDM Test Volume Forecast by Assay

U.S.A., Hospital Laboratories, TDM Test Volume Forecast by Assay

U.S.A., Commercial/Private Laboratories, TDM Test Volume Forecast by Assay

U.S.A., Physician Offices/Group Practices, TDM Test Volume Forecast by Assay

U.S.A., All Market Segments, Endocrine Function Test Volume Forecast by Assay

U.S.A., Hospital Laboratories, Endocrine Function Test Volume Forecast by Assay

U.S.A., Commercial/Private Laboratories, Endocrine Function Test Volume Forecast by Assay

U.S.A., Physician Offices/Group Practices, Endocrine Function Test Volume Forecast by Assay

U.S.A., All Market Segments, Drugs of Abuse Test Volume Forecast by Assay

U.S.A., Hospital Laboratories, Drugs of Abuse Test Volume Forecast by Assay

U.S.A., Commercial/Private Laboratories, Drugs of Abuse Test Volume Forecast by Assay

U.S.A., Physician Offices/Group Practices, Drugs of Abuse Test Volume Forecast by Assay

U.S.A., All Market Segments, Tumor Markers and Special Chemistry Test Volume Forecast by Assay

U.S.A., Hospital Laboratories, Tumor Markers and Special Chemistry Test Volume Forecast by Assay

U.S.A., Commercial/Private Laboratories, Tumor Markers and Special Chemistry Test Volume Forecast by Assay

U.S.A., Physician Offices/Group Practices, Tumor Markers and Special Chemistry Test Volume Forecast by Assay

U.S.A., All Market Segments, Immunoprotein Test Volume Forecast by Assay

U.S.A., Hospital Laboratories, Immunoprotein Test Volume Forecast by Assay

U.S.A., Commercial/Private Laboratories, Immunoprotein Test Volume Forecast by Assay

U.S.A., Physician Offices/Group Practices, Immunoprotein Test Volume Forecast by Assay

U.S.A., Total Clinical Chemistry and Immunoassay Reagent Market Forecast By Test Category

U.S.A., Clinical Chemistry and Immunoassay Calibrator and Control Market Forecast By Test Category

U.S.A., Routine Chemistry Reagent Market Forecast By Market Segment

U.S.A., TDM Reagent Market Forecast By Market Segment

U.S.A., Drugs of Abuse Reagent Market Forecast By Market Segment

U.S.A., Tumor Markers and Special Chemistry Reagent Market Forecast By Market

## Segment

U.S.A., Endocrine Function Reagent Market Forecast By Market Segment

U.S.A., All Market Segments, Routine Chemistry Reagent Market Forecast by Assay

U.S.A., Hospital Laboratories, Routine Chemistry Reagent Market Forecast by Assay

U.S.A., Commercial/Private Laboratories, Routine Chemistry Reagent Market Forecast by Assay

U.S.A., Physician Offices/Group Practices, Routine Chemistry Reagent Market Forecast by Assay

U.S.A., All Market Segments, TDM Reagent Market Forecast by Assay

U.S.A., Hospital Laboratories, TDM Reagent Market Forecast by Assay

U.S.A., Commercial/Private Laboratories, TDM Reagent Market Forecast by Assay

U.S.A., Physician Office/Group Practices, TDM Reagent Market Forecast by Assay

U.S.A., All Market Segments, Drugs of Abuse Reagent Market Forecast by Assay

U.S.A., Hospital Laboratories, Drugs of Abuse Reagent Market Forecast by Assay

U.S.A., Commercial/Private Laboratories, Drugs of Abuse Reagent Market Forecast by Assay

U.S.A., Physician Offices/Group Practices, Drugs of Abuse Reagent Market Forecast by Assay

U.S.A., All Market Segments, Endocrine Function Reagent Market Forecast by Assay

U.S.A., Hospital Laboratories, Endocrine Function Reagent Market Forecast by Assay

U.S.A., Commercial/Private Laboratories, Endocrine Function Reagent Market Forecast by Assay

U.S.A., Physician Offices/Group Practices, Endocrine Function Reagent Market Forecast by Assay

U.S.A., All Market Segments, Tumor Markers and Special Chemistry Reagent Market Forecast by Assay

U.S.A., Hospital Laboratories, Tumor Markers and Special Chemistry Reagent Market Forecast by Assay

U.S.A., Commercial/Private Laboratories, Tumor Markers and Special Chemistry Reagent Market Forecast by Assay

U.S.A., Physician Offices/Group Practices, Tumor Markers and Special Chemistry Reagent Market Forecast by Assay

U.S.A., All Market Segments, Immunoprotein Reagent Market Forecast

U.S.A., Hospital Laboratories, Immunoprotein Reagent Market Forecast Immunoprotein

U.S.A., Commercial/Private Laboratories, Immunoprotein Reagent Market Forecast

U.S.A., Physician Offices/Group Practices, Immunoprotein Reagent Market Forecast by Assay

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

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

U.S.A., Major Suppliers of Clinical Chemistry Diagnostics 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 Instrument Sales and Market Shares

U.S.A., Major Suppliers of Immunoassay Diagnostics Products, Estimated Sales And Market Shares

U.S.A., Clinical Chemistry and Immunoassay Instrument Market Forecast By Analyzer Type

## I would like to order

Product name: 2016 Future Horizons and Growth Strategies in the US Clinical Chemistry and Immunodiagnostic Markets: Instrument and Reagents Supplier Shares, Country Segment Forecasts, Competitive Intelligence, Opportunities

Product link: <https://marketpublishers.com/r/2B1476B8D72EN.html>

Price: US\$ 9,200.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

[info@marketpublishers.com](mailto:info@marketpublishers.com)

## Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/2B1476B8D72EN.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