

2015-2019 US Hospital Clinical Chemistry and Immunodiagnostics Market

https://marketpublishers.com/r/U5CAFD81420EN.html

Date: June 2015

Pages: 543

Price: US\$ 6,240.00 (Single User License)

ID: U5CAFD81420EN

Abstracts

This new report from VPGMarketResearch contains 543 pages, 63 tables, and presents a comprehensive analysis of the US hospital clinical chemistry and immunodiagnostics market, including:

Major issues pertaining to the US clinical chemistry and immunodiagnostic hospital laboratory practice, as well as key economic, regulatory, demographic, social and technological trends with significant market impact during the next five years.

Five year volume and sales forecasts for over 100 clinical chemistry, TDM, endocrine, cancer, immunoprotein and abused drug assays performed in US hospitals, including controls, calibrators and consumables.

Five year volume forecasts for serum, whole blood, plasma, CFS, urine and other specimens.

Five year reagent and instrument sales forecasts.

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



Sales and market shares of leading reagent and instrument suppliers.

Review of current and emerging technologies and their potential market applications.

Product development opportunities for clinical chemistry and immunodiagnostic instruments and consumables.

Profiles of current and emerging suppliers, including their sales, market shares, product portfolios, marketing tactics, technological know how, new products in R&D, collaborative arrangements and business strategies.

Market penetration strategies, entry barriers and risks.

Contains 543 pages and 63 tables



Contents

INTRODUCTION

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/IPTH
 - 10. Prolactin
 - 11. T3
 - 12. T3 Free
 - 13. T3 Uptake
 - 14. T4 (Thyroxine)
 - 15. T4 Free
 - 16. TBG
 - 17. Testosterone



- 18. Thyroglobulin Ab
- 19. TP-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. Carcinoembrionic 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. Instrumentation Review: Operating Characteristics and Features of High-, Medium-, and Low- Volume/POC Analyzers Manufactured By:

Abaxis

Abbott

Alere/Inverness

Alfa Wassermann

AMS

Awareness Technologies

Beckman Coulter/Olympus

Binding Site

bioMerieux

Carolina Chemistries

DiaSorin

Grifols

Horiba

Medica

Nova Biomedical

Ortho-Clinical Diagnostics

Polymedco

Randox

Roche

Siemens

Tosoh

Vital Diagnostics

- H. Major In Vitro Diagnostic Technologies And Their Potential Applications
 - 1. Monoclonal and Polyclonal Antibodies
 - 2. Immunoassays
 - a. Technological Principle
 - d. Chemiluminescence
 - c. Enzyme Immunoassays (EIA)

Overview

ELISA

EMIT

Electrochemical

- d. Radioimmunoassays (RIA)
- e. Immunoprecipitation
- f. Affinity Chromatography
- 3. Tandem Mass Spec



- 4. IT and Automation
- 5. Dry Chemistry 6. Biosensors

U.S.A.

- A. Executive Summary
- **B.** Business Environment
 - 1. Health Care Expenditures
 - 2. Cost Consciousness
 - 3. Industry Consolidation
 - 4. Managed Care
 - 5. Hospitals
 - 6. Admissions
 - 7. Length of Stay
 - 8. Industry Diversification
 - 9. Physician Demographics
 - 10. Population Aging
 - a. Chronic Illness
 - b. Disease Incidence
 - c. Susceptibility to latrogenesis
 - d. Multiple Illness Cases
 - 11. Laboratory Regulations
- C. Market Structure
 - 1. Centralized Testing
 - a. Hospitals
 - b. Commercial/Private Laboratories
 - 2. Decentralized Testing
 - a. Physician Offices/Group Practices
 - b. Point-of-Care Testing
 - c. Home/Self Testing
 - d. Other Decentralized Testing Locations
- D. Market Size, Growth and Major Suppliers' Instrument and 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

COMPETITIVE ASSESSMENTS

Abbott Laboratories

AdnaGen

Beckman Coulter/Danaher

Biomedical Diagnostics

BioMerieux

Bio-Rad

Dako

DiaSorin

Eiken

Fujirebio Instrumentation Laboratory

Kyowa Medex

Matritech

Ortho-Clinical 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., Hospital Laboratories Performing Chemistry and Immunoassay Tests By Bed Size

U.S.A., Hospital Laboratories, Profiles, Panels and Individual Tests Forecast

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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



I would like to order

Product name: 2015-2019 US Hospital Clinical Chemistry and Immunodiagnostics Market

Product link: https://marketpublishers.com/r/U5CAFD81420EN.html

Price: US\$ 6,240.00 (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 https://marketpublishers.com/r/U5CAFD81420EN.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
	Custumer 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