

2017-2021 US Hospital Clinical Chemistry and Immunodiagnosics Market Forecasts: Reagent and Instrument Supplier Shares, Competitive Strategies, Innovative Technologies, Instrumentation Review

<https://marketpublishers.com/r/25156424B91EN.html>

Date: January 2017

Pages: 543

Price: US\$ 7,020.00 (Single User License)

ID: 25156424B91EN

Abstracts

This new report from VPGMarketResearch.com contains 543 pages, 63 tables, and presents a comprehensive analysis of the US hospital clinical chemistry and immunodiagnosics 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 ten 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. Topiramate

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. 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 Iatrogenesis
 - 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/Alere
Agilent Technologies
Bayer Healthcare
Beckman Coulter/Danaher
Biomedical Diagnostics
BioMerieux
Bio-Rad
DiaSorin
Eiken
Fujirebio
Grifols
Instrumentation Laboratory

Kyowa Medex
Matritech/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., 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: 2017-2021 US Hospital Clinical Chemistry and Immunodiagnostics Market Forecasts: Reagent and Instrument Supplier Shares, Competitive Strategies, Innovative Technologies, Instrumentation Review

Product link: <https://marketpublishers.com/r/25156424B91EN.html>

Price: US\$ 7,020.00 (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/25156424B91EN.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