

2013 Analysis of the UK Clinical Chemistry and Immunodiagnostics Market: Emerging Opportunities, Supplier Shares, Country Forecasts, Innovative Technologies, and Competitive Landscape

https://marketpublishers.com/r/226C40FF6C1EN.html

Date: April 2013 Pages: 563 Price: US\$ 4,880.00 (Single User License) ID: 226C40FF6C1EN

Abstracts

This report presents a comprehensive analysis of the UK clinical chemistry and immunodiagnostics markets, including:

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

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

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

Five- and ten-year reagent and instrument sales forecasts.

Review of current instrumentation technologies, and a feature comparison of 50 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 25 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 563 pages and 103 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. Follicle-Stimulating Hormone (FSH)
 - 3. Gastrin
 - 4. Growth Hormone/IGF-1
 - 5. Human Chorionic Gonadotropin (HCG)
 - 6. LH
 - 7. PTH/IO PTH
 - 8. Prolactin
 - 9. T3
 - 10. T3 Free
 - 11. T3 Uptake
 - 12. T4 (Thyroxine)
 - 13. T4 Free
 - 14. TBG
 - 15. Thyroglobulin Ab
 - 16. TPO Ab
 - 17. 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

2013 Analysis of the UK Clinical Chemistry and Immunodiagnostics Market: Emerging Opportunities, Supplier Shar...



U.K.

- A. Executive Summary
- B. Business Environment
- C. Market Structure

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 Clinical Chemistry Testing

Executive Summary Table: U.K., Clinical Chemistry and Immunoassay Test Volume

And Diagnostics Sales Forecast By Test Category

U.K., Laboratories Performing Chemistry and Immunoassay Testing By Market Segment

U.K., Hospital Laboratories Performing Chemistry and Immunoassay Tests By Bed Size

U.K., Commercial/Private Laboratories Performing Chemistry and Immunoassay Tests By Annual Test Volume

U.K., Total Chemistry and Immunoassay Specimen Volume Forecast

U.K., All Market Segments, Specimen Volume Forecast By Test Category

U.K., Total Clinical Chemistry and Immunoassay Test Volume Forecast By Test Category

U.K., Routine Chemistry Test Volume Forecast By Market Segment

U.K., Endocrine Function Test Volume Forecast By Market Segment

U.K., Tumor Markers and Special Chemistry Test Volume Forecast By Market Segment

U.K., Immunoprotein Test Volume Forecast By Market Segment

U.K., TDM Test Volume Forecast By Market Segment

U.K., Drugs of Abuse Test Volume Forecast By Market Segment

U.K., All Market Segments, Profiles, Panels and Individual Tests Forecast

U.K., Hospital Laboratories, Profiles, Panels and Individual Tests Forecast

U.K., Commercial/Private Laboratories, Profiles, Panels and Individual Tests Forecast

U.K., All Market Segments, Routine Chemistry Test Volume Forecast by Assay

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

U.K., Commercial/Private Laboratories, Routine Chemistry Test Volume Forecast by Assay

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

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

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

U.K., All Market Segments, Tumor Markers and Special Chemistry Test Volume



Forecast by Assay

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

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

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

U.K., Hospital Laboratories, Immunoprotein Test Volume Forecast by Assay

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

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

U.K., Hospital Laboratories, TDM Test Volume Forecast by Assay

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

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

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

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

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

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

U.K., Routine Chemistry Reagent Market Forecast By Market Segment

U.K., Endocrine Function Reagent Market Forecast By Market Segment

U.K., Tumor Markers and Special Chemistry Reagent Market Forecast By Market Segment

U.K., Immunoprotein Reagent Market Forecast By Market Segment

U.K., TDM Reagent Market Forecast By Market Segment

U.K., Drugs of Abuse Reagent Market Forecast By Market Segment

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

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

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

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

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

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

U.K., All Market Segments, Immunoprotein Reagent Market Forecast by Assay

U.K., Hospital Laboratories, Immunoprotein Reagent Market Forecast by Assay

U.K., Commercial/Private Laboratories, Immunoprotein Reagent Market Forecast by Assay

U.K., All Market Segments, TDM Reagent Market Forecast by Assay

U.K., Hospital Laboratories, TDM Reagent Market Forecast by Assay



U.K., Commercial/Private Laboratories, TDM Reagent Market Forecast by Assay U.K., All Market Segments, Tumor Markers and Special Chemistry Reagent Market Forecast by Assay

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

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

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

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

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

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

U.K., Major Suppliers of Clinical Chemistry Diagnostic Products, Estimated Sales and Market Shares

U.K., Major Suppliers of Immunoassay Diagnostic Products, Estimated Sales and Market Shares



I would like to order

Product name: 2013 Analysis of the UK Clinical Chemistry and Immunodiagnostics Market: Emerging Opportunities, Supplier Shares, Country Forecasts, Innovative Technologies, and Competitive Landscape

Product link: https://marketpublishers.com/r/226C40FF6C1EN.html

Price: US\$ 4,880.00 (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 <u>https://marketpublishers.com/r/226C40FF6C1EN.html</u>

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 <u>https://marketpublishers.com/docs/terms.html</u>

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