

2015 UK Automated Microbiology Market: Supplier Shares, Country Forecasts, Innovative Technologies, Competitive Strategies -Molecular Diagnostics, Identification, Antibiotic Susceptibility, Blood Culture, Urine Screening, Immunodiagnosics

<https://marketpublishers.com/r/2C57E4A10F2EN.html>

Date: January 2015

Pages: 415

Price: US\$ 5,560.00 (Single User License)

ID: 2C57E4A10F2EN

Abstracts

“2015 UK Automated Microbiology Market” is a new analysis of major business opportunities emerging in the UK automated microbiology market during the next five years. The report examines key trends, reviews current and emerging assays; analyzes potential applications of innovative diagnostic technologies; forecasts volume and sales for molecular diagnostic, microbial identification, antibiotic susceptibility, blood culture, urine screening and immunodiagnostic procedures, as well as over 100 infectious disease tests by assay, application, market segment; profiles leading players and potential market entrants; and suggests alternative business expansion strategies for suppliers.

Contents

I. Worldwide Market and Technology Overview

A. Introduction

1. Major Factors Affecting Market Penetration of Microbiology Instrumentation
2. Traditional Practices
3. Technological Challenges
4. Automation: Impact on the Microbiology Laboratory and the Patient

B. Major Specimen Types

1. Urine
2. Sterile Fluids: Blood, Serum, and CSF
3. Throat Swabs and Respiratory Secretions
4. Genital Secretions
5. Stool
6. Abscess/Wound
7. Sputum
8. Saliva

C. Test Applications

1. Microbial Identification
2. Antibiotic Susceptibility
3. Urine Screening
 - a. Photometry
 - b. Bioluminescence
 - c. Colorimetric Filtration
 - d. Enzymatic Detection
 - e. Optical Detection
4. Blood Cultures

D. Major Microbiology Automated and Semiautomated Systems

1. Multiple Purpose Microbiology Systems
2. Specialized Microbiology Systems
3. Molecular Diagnostic Systems
4. Immunodiagnostic Systems

E. Emerging Diagnostic Technologies

1. Molecular Diagnostics
 - a. DNA Sequencing
 - Introduction
 - Sequencing Methods
 - Autoradiography

- The Human Genome Project
- Sequencing Automation
- Image Scanners
- Fluorescent Detection
- Gene Profiling
- Gene Expression
- Polymorphism Screening
- Protein Interaction Networks
- b. DNA And RNA Probe Technology Basic Principles
 - Probe Preparation
 - The DNA Probe Test - Sample Preparation
 - Hybridization
 - Separation
 - Detection/Measurement Test Formats
 - Filter Hybridization
 - Southern Blot
 - Northern Blot
 - In Situ Hybridization
 - Others
 - Labeling Techniques
 - Amplification Methods
 - Polymerase Chain Reaction
 - Temperature Cyclers
 - PCR Variations
 - Immuno - PCR
 - QC - PCR
 - DAP - PCR
 - Strand Displacement Activation
 - TMA
 - Ligase Chain Reaction
 - Branched DNA
 - Hybridization Protection Assay
 - Nucleic - Acid Sequence - Based Amplification
 - Self - Sustained Sequence Replicase
 - Others
 - Ampliprobe
 - CAR
 - CAS
 - CPT

- Dendritic Polymer Technology
- ISO - CR
- LAT
- Probe
- RAMP
- Repair Chain Reaction
- Rolling Circles
- Sequence Independent Gene Amplification
- Sequence Initiation Reaction
- SISPA
- Solid Phase Amplification
- c. Detection Technologies Radioactive Methods
 - Overview
 - Major Isotopes
 - P -32
 - S -35
 - H -3
 - I -125
 - Non - Isotopic Methods
 - Enzymatic Labels
 - Chemical Labeling
 - Indirect Chemical Labeling
 - Direct Chemical Labeling
 - Fluorescence
 - Chemiluminescence
 - Electrical Conductivity
- d. Biochips: Genosensors, Microarrays, and Labs - on - the - Chip
 - Liquid Transportation and Mixing
 - Separation
 - Reaction
 - Detection
- 2. Monoclonal Antibodies
- 3. Immunoassays
- 4. Differential Light Scattering
- 5. Information Technology
- 6. Artificial Intelligence
- 7. Liposomes
- 8. Flow Cytometry
- 9. Chromatography

10. Diagnostic Imaging
11. Gel Microdroplets
12. Other

II. UK

- A. Business Environment
- B. Market Structure
- C. Market Size, Growth and Major Supplier Sales and Market Shares

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
 1. Marketing Approaches
 2. Product Complexity
 3. Customer Preference
 4. Established Suppliers
 5. Emerging Suppliers
 6. Major Types of Distributors
 7. Market Segmentation

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. Competitive Assessments

Abbott
Affymetrix
Agilent Technologies
Applied Gene Technologies
Arca/Nuvelo
Beckman Coulter/Danaher
Becton Dickinson
Biokit
bioMerieux
BioRad
Biotest
Caliper
Cepheid
Decode
Diadexus
Diamedix
DiaSorin
Eiken Chemical
Enzo Biochem
Exact Sciences
Fujirebio/Innogenetics
Hologic/GenProbe
Illumina
ID Biomedical/GSK
Kreatech
LiCor Biosciences
Life Technology
Lonza
Monogram Biosciences
Myriad Genetics
Nanogen/Elitech
Novartis Diagnostics/Grifols
Orchid CellMark
OrthoClinical Diagnostics
Proteome Sciences
Qiagen
Roche
Scienion

Sequenom
SeraCare
Siemens
Sierra Molecular
Shimadzu
Takara Bio
Tecan
Thermo Fisher
Wallac/PE
Wako

List Of Tables

LIST OF TABLES

Major Companies Developing or Marketing AIDS Tests
Major Companies Developing or Marketing Adenovirus Tests
Major Companies Developing or Marketing Bartonella Tests
Major Companies Developing or Marketing Campylobacter Tests
Major Companies Developing or Marketing Candida Tests
Major Companies Developing or Marketing Chlamydia Tests
Major Companies Developing or Marketing Clostridium Tests
Major Companies Developing or Marketing Coronavirus Tests
Major Companies Developing or Marketing Cryptosporidium Tests
Major Companies Developing or Marketing CMV Tests
Major Companies Developing or Marketing Echovirus Tests
Major Companies Developing or Marketing Enterovirus Tests
Major Companies Developing or Marketing EBV Tests
Major Companies Developing or Marketing Giardia Tests
Major Companies Developing or Marketing Gonorrhoea Tests
Major Companies Developing or Marketing Hantavirus 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
Major Companies Developing or Marketing Lyme Disease Tests
Major Companies Developing or Marketing Lymphogranuloma Tests
Major Companies Developing or Marketing Malaria Tests
Major Companies Developing or Marketing Measles Tests
Major Companies Developing or Marketing Meningitis Tests
Major Companies Developing or Marketing Microsporidium 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 Papilloma Virus Tests
Major Companies Developing or Marketing Parvovirus 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 Septicemia Tests
Major Companies Developing or Marketing Shigella Tests
Major Companies Developing or Marketing Staphylococci Tests
Major Companies Developing or Marketing Streptococci Tests
Major Companies Developing or Marketing Syphilis Tests
Major Companies Developing or Marketing Toxoplasmosis Tests
Major Companies Developing or Marketing Trichomonas Tests
Major Companies Developing or Marketing Tuberculosis Tests
Major Companies Developing or Marketing West Nile Tests
Major Companies Developing or Marketing Yersinia Tests
U.K. Laboratories Performing Microbiology Tests by Market Segment
U.K. Hospital Laboratories Performing Microbiology Tests by Bed Size
U.K. Commercial/Private Laboratories Performing Microbiology Tests by Annual Test Volume
U.K. All Market Segments Microbiology Specimen Volume
U.K. Hospital Laboratories Microbiology Specimen Volume
U.K. Public Health Laboratories Microbiology Specimen Volume
U.K. Commercial/Private Laboratories Microbiology Specimen Volume
U.K. Microbiology Test Volume by Market Segment
U.K. Microbiology Test Volume by Application
U.K. Microbial Identification Test Volume by Market Segment
U.K. Urine Screening Test Volume by Market Segment
U.K. Antibiotic Susceptibility Test Volume by Market Segment
U.K. Blood Culture Test Volume by Market Segment
U.K. Microbiology Consumables Market by Application
U.K. Microbiology Consumables Market by Market Segment
U.K. Microbial Identification Consumables Sales by Market Segment
U.K. Antibiotic Susceptibility Consumables Sales by Market Segment
U.K. Blood Culture Consumables Sales by Market Segment
U.K. Urine Screening Consumables Sales by Market Segment
U.K. All Market Segments Infectious Disease Test Volume Forecast by Assay
U.K. All Market Segments Infectious Disease Diagnostics Market Forecast by Test
U.K. Infectious Disease Blood Screening NAT Volume Forecast by Assay
U.K. Infectious Disease Blood Screening NAT Reagent Market Forecast by Assay
U.K. HIV/AIDS Testing Market Diagnostics Sales by Major Supplier
U.K. HIV/Hepatitis Blood Screening NAT Market Diagnostics Sales by Major Supplier
U.K. Campylobacter Testing Market Diagnostics Sales by Major Supplier

U.K. Candida Testing Market Diagnostics Sales by Major Supplier
U.K. Gonorrhoea Testing Market Diagnostics Sales by Major Supplier
U.K. Hepatitis Testing Market Diagnostics Sales by Major Supplier
U.K. Hepatitis C Testing Market Diagnostics Sales by Major Supplier
U.K. Influenza Testing Market Diagnostics Sales by Major Supplier
U.K. Mycoplasma Testing Market Diagnostics Sales by Major Supplier
U.K. Pneumonia Testing Market Diagnostics Sales by Major Supplier
U.K. RSV Testing Market Diagnostics Sales by Major Supplier
U.K. Rubella Testing Market Diagnostics Sales by Major Supplier
U.K. Septicemia Testing Market Diagnostics Sales by Major Supplier
U.K. Shigella Testing Market Diagnostics Sales by Major Supplier
U.K. Streptococci Testing Market Diagnostics Sales by Major Supplier
U.K. Syphilis Testing Market Diagnostics Sales by Major Supplier
U.K. Tuberculosis Testing Market Diagnostics Sales by Major Supplier
U.K. Molecular Diagnostics Market Sales and Shares of Major Suppliers

I would like to order

Product name: 2015 UK Automated Microbiology Market: Supplier Shares, Country Forecasts, Innovative Technologies, Competitive Strategies -Molecular Diagnostics, Identification, Antibiotic Susceptibility, Blood Culture, Urine Screening, Immunodiagnostics

Product link: <https://marketpublishers.com/r/2C57E4A10F2EN.html>

Price: US\$ 5,560.00 (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/2C57E4A10F2EN.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