

2021-2025 World Automated Microbiology Market-Growth Opportunities in 90 Countries, Supplier Shares by Assay, Segmentation Forecasts for over 100 Molecular, Identification, Susceptibility, Culture, Urine Screening and Immunodiagnostic Tests-Competitive Strategies and SWOT Analysis, Instrumentation Pipeline, Emerging Technologies, Market Barriers and Risks

<https://marketpublishers.com/r/239B6BACBADFEN.html>

Date: September 2021

Pages: 550

Price: US\$ 35,000.00 (Single User License)

ID: 239B6BACBADFEN

Abstracts

This new 90-country survey from LeadingMarketResearch.com provides granular data and analysis not available from any other published source. The survey is designed to help current suppliers and potential market entrants identify and evaluate emerging opportunities in the automated microbiology market during the next five years.

The report is available by section, and can be customized to specific information needs and budget. The report examines key trends; reviews current and emerging assays; analyzes potential applications of innovative diagnostic technologies; forecasts volume and sales for 100 molecular diagnostic, microbial identification, antibiotic susceptibility, blood culture, urine screening and immunodiagnostic procedures; profiles leading players and potential market entrants; and suggests alternative business expansion strategies for suppliers.

Rationale

The level of automation in the microbiology laboratory has been lagging behind that of other major clinical laboratory segments, such as chemistry and hematology. The slow

acceptance of the technology is in part due to the complexity of developing automation suitable for microbiology tests. The introduction of automated microbiology instrumentation has been delayed by a number of intrinsic and technical problems. The diffusion of automated microbiology systems, once the technology was developed, has not matched that of other automated laboratory technologies. The acquisition of automation in microbiology has been slowed by forces less easily identifiable than the effects of various reimbursement plans. Some laboratorians still believe that current instrumentation is not the ultimate technology and expect better automation on the horizon.

The driving force behind the need for rapid reporting of microbiological test results is the clinical relevance in a time of financial austerity, a time when cost and health care effectiveness to the patient and diagnostician looms ever larger, and where after-the-fact results at high expense are coming under severe scrutiny worldwide.

This comprehensive 90-country survey will assist diagnostics industry executives, as well as companies planning to diversify into the dynamic and rapidly expanding microbiology market, in evaluating emerging opportunities and developing effective business strategies.

Geographic Regions and Countries

Asia-Pacific - 17 countries

Australia, Bangladesh, China, Hong Kong, India, Indonesia, Japan, Malaysia, Myanmar, New Zealand, Pakistan, Philippines, Singapore, South Korea, Taiwan, Thailand, Vietnam

Europe - 38 countries

Albania, Austria, Belarus, Belgium, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Georgia, Germany, Greece, Hungary, Iceland, Ireland, Italy, Kazakhstan, Latvia, Lithuania, Malta, Moldova, Netherlands, Norway, Poland, Portugal, Romania, Russia, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, UK, Ukraine

Latin America - 22 countries

Argentina, Bolivia, Brazil, Chile, Colombia, Costa Rica, Cuba, Dominican Republic, Ecuador, El Salvador, Guatemala, Haiti, Honduras, Jamaica, Mexico, Nicaragua, Panama, Paraguay, Peru, Puerto Rico, Uruguay, Venezuela

Middle East - 11 countries

Bahrain, Iran, Iraq, Israel, Jordan, Kuwait, Lebanon, Oman, Qatar, Saudi Arabia, United Arab Emirates

North America - 3 countries

Canada, Mexico, USA

Specimen Types

Urine

Sterile Fluids: Blood, Serum, CSF

Throat Swabs, Respiratory Secretions

Genital Secretions

Stool

Abscess/Wound

Sputum

Saliva

Applications

Microbial Identification

Antibiotic Susceptibility

Urine Screening

Blood Cultures

Review of Major Automated Systems

Review of major automated molecular diagnostic, multipurpose, specialized, microbial identification, antibiotic susceptibility, blood culture, urine screening, and immunodiagnostic analyzers marketed by Abbott, Alifax, BD, Beckman Coulter/Danaher, Biolog, bioMerieux, Bio-Rad, Cepheid, Curetis, GenMark, Hologic, HTG, Labsystems, Qiagen, Roche, Siemens Healthineers, Sy-Lab, Sysmex, Tecan, Thermo Fisher, Tosoh and other suppliers.

Infectious Diseases Analyzed in the Report

AIDS/HIV, Adenovirus, Aeromonads, Bartonella, Blastocystis Hominis, Campylobacter, Candida, Chancroid, Chlamydia, Clostridium, Coronavirus, Coxsackievirus, Cryptosporidium, Cyclospora, CMV, E. Coli, Echovirus, Encephalitis, Enterovirus, EBV, Giardia, Gonorrhea, Granuloma Inguinale, Hantavirus, H. Pylori, Hepatitis, Herpes Influenza, Legionella, Lyme Disease, Lymphogranuloma, Malaria, Measles, Meningitis, Microsporidium, Mononucleosis, Mumps, Mycoplasma, HPV, Parvovirus, Pneumonia, Polyomaviruses, Pseudomonas, Rabies, RSV, Rhinovirus, Rotavirus, Rubella, Salmonella, Septicemia, Shigella, Staphylococci, Streptococci, Syphilis, Toxoplasmosis, Trichomonas, TB, Vibrio, West Nile, Yersinia.

Technology Review

Assessment of molecular diagnostic, monoclonal antibody, immunoassay, & other technologies and their potential applications for the microbiology market.

Companies developing or marketing microbiology products, by individual test.

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.

Opportunities and Strategic Recommendations

Emerging opportunities for new analyzers, reagents kits, IT and other products with significant market appeal during the next five years.

Design criteria for decentralized testing products.

Alternative market penetration strategies.

Potential market entry barriers and risks.

Contains over 1,175 pages and 991 tables

Contents

I. INTRODUCTION

II. GLOBAL AUTOMATED MICROBIOLOGY MARKET BUSINESS ENVIRONMENT

III. NEW PRODUCT DEVELOPMENT OPPORTUNITIES

IV. DESIGN CRITERIA FOR DECENTRALIZED TESTING PRODUCTS

V. ALTERNATIVE MARKET PENETRATION STRATEGIES

VI. POTENTIAL MARKET ENTRY BARRIERS AND RISKS

VII. WORLDWIDE MARKET AND TECHNOLOGY OVERVIEW

A. Introduction

1. Major Factors Affecting Market Penetration for 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 Automated and Semi-automated Microbiology Systems
 - 1. Multiple Purpose Microbiology Systems
 - 2. Specialized Microbiology Systems
 - 3. Molecular Diagnostic Systems
 - 4. Immunodiagnostic Systems
- E. Emerging Diagnostic Technologies
 - 1. Molecular Diagnostics (Amplification Methods, Sequencing, Microarrays/Biochips)
 - a. DNA Sequencing
 - b. DNA and RNA Probe Technologies
 - c. Detection Technologies
 - d. Biochips: Genosensors, Microarrays, Labs-on-the-Chip
 - 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

VIII. COUNTRY MARKET ANALYSES: AUTOMATED MICROBIOLOGY MARKET SHARES AND FORECASTS FOR OVER MOLECULAR, IDENTIFICATION, SUSCEPTIBILITY, CULTURE, URINE SCREENING AND IMMUNODIAGNOSTIC TESTS FOR 90 COUNTRIES:

Albania, Argentina, Australia, Austria, Bahrain, Bangladesh, Belarus, Belgium, Bolivia, Brazil, Bulgaria, Canada, Chile, China, Colombia, Costa Rica, Croatia, Cuba, Cyprus, Czech Republic, Denmark, Dominican Republic, Ecuador, El Salvador, Estonia, Finland, France, Georgia, Germany, Greece, Guatemala, Haiti, Honduras, Hong Kong, Hungary, Iceland, India, Indonesia, Iran, Iraq, Ireland, Israel, Italy, Jamaica, Japan, Jordan, Kazakhstan, Kuwait, Latvia, Lebanon, Lithuania, Malaysia, Malta, Mexico, Moldova, Myanmar, Netherlands, New Zealand, Nicaragua, Norway, Oman, Pakistan, Panama, Paraguay, Peru, Philippines, Poland, Portugal, Puerto Rico, Qatar, Romania, Russia, Saudi Arabia, Serbia, Singapore, Slovak Republic, Slovenia, South Korea, Spain, Sweden, Switzerland, Taiwan, Thailand, UK, Ukraine, United Arab Emirates,

Uruguay, USA, Venezuela, Vietnam

IX. COMPETITIVE ASSESSMENTS

Abbott
Agilent Technologies
Applied Gene Technologies
Arca Biopharma
Beckman Coulter/Danaher
Becton Dickinson
Biokit
bioMerieux
Bio-Rad
Cepheid/Danaher
Decode Genetics
Diamedix
DiaSorin
Eiken Chemical
Elitech Group
Enzo Biochem
Exact Sciences
Fujirebio
Grifols
GSK Biologicals
Hologic/Gen-Probe
Illumina
LabCorp
Leica Biosystems/Kreatech
Li-Cor Biosciences
Lonza
Myriad Genetics
Ortho-Clinical Diagnostics/Carlyle
Group
Proteome Sciences
Qiagen
Roche
SeraCare
Shimadzu
Siemens Healthineers

Takara Bio
Tecan Group
Thermo Fisher
Wako

I would like to order

Product name: 2021-2025 World Automated Microbiology Market-Growth Opportunities in 90 Countries, Supplier Shares by Assay, Segmentation Forecasts for over 100 Molecular, Identification, Susceptibility, Culture, Urine Screening and Immunodiagnostic Tests-Competitive Strategies and SWOT Analysis, Instrumentation Pipeline, Emerging Technologies, Market Barriers and Risks

Product link: <https://marketpublishers.com/r/239B6BACBADFEN.html>

Price: US\$ 35,000.00 (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/239B6BACBADFEN.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