

Middle East Automated Microbiology Market, 2019-2023: An 11-Country Analysis-Supplier Strategies, Volume and Sales Forecasts for 100 Molecular Diagnostic, Microbial Identification, Susceptibility, Blood Culture, Urine Screening and Immunodiagnostic Tests

<https://marketpublishers.com/r/MC44BFFCF0BEN.html>

Date: May 2019

Pages: 500

Price: US\$ 9,850.00 (Single User License)

ID: MC44BFFCF0BEN

Abstracts

This new 11-country report from LeadingMarketResearch.com is available by country, market segment, section, or individual test.

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 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 11-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.

Country Analyses

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

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, and 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 500 pages and 54 tables

Contents

I. INTRODUCTION

II. 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. 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 ANALYSES: SALES AND VOLUME FORECASTS FOR 100 MOLECULAR DIAGNOSTIC, MICROBIAL IDENTIFICATION, ANTIBIOTIC SUSCEPTIBILITY, BLOOD CULTURE, URINE SCREENING, AND IMMUNODIAGNOSTIC TESTS, SUPPLIER SHARES

Bahrain
Iran
Iraq
Israel
Jordan
Kuwait
Lebanon
Oman
Qatar
Saudi Arabia

United Arab Emirates

IX. COMPETITIVE ASSESSMENTS

Abbott
Affymetrix/Thermo Fisher
Agilent Technologies
Applied Gene Technologies
Arca Biopharma
Beckman Coulter/Danaher
Becton Dickinson
Biokit
bioMerieux
Bio-Rad
Biotest
CellMark Forensics/LabCorp
Cepheid
Decode
Diadexus
Diamedix
DiaSorin
Eiken Chemical
Elitech Group
Enzo Biochem
Exact Sciences
Fujirebio
Grifols
Hologic/Gen-Probe
ID Biomedical/GSK
Illumina
Kreatech/Leica
Li-Cor Biosciences
Lonza
Monogram Biosciences
Myriad Genetics
Ortho-Clinical Diagnostics
Perkin Elmer/Caliper
Proteome Sciences
Qiagen

Roche
Scienion
Sequenom
SeraCare
Shimadzu
Siemens
Sierra Molecular
Takara Bio
Tecan
Wallac/PE
Wako

List Of Tables

LIST OF TABLES

Bahrain

Microbiology Specimen Volume Forecast by Type

Bahrain

Microbiology Test Volume Forecasts by Application

Bahrain

Microbiology Consumables Market Forecast by Application

Bahrain

Infectious Disease Test Volume Forecast by Assay

Bahrain

Infectious Disease Diagnostics Market Forecast by Test

Bahrain

Infectious Disease Blood Screening NAT Volume Forecast by Assay

Bahrain

Infectious Disease Blood Screening NAT Reagent Market Forecast by Assay

Iran

Microbiology Specimen Volume Forecast by Type

Iran

Microbiology Test Volume Forecasts by Application

Iran

Microbiology Consumables Market Forecast by Application

Iran

Infectious Disease Test Volume Forecast by Assay

Iran

Infectious Disease Diagnostics Market Forecast by Test

Iran

Infectious Disease Blood Screening NAT Volume Forecast by Assay

Iran

Infectious Disease Blood Screening NAT Reagent Market Forecast by Assay

Iraq

Microbiology Specimen Volume Forecast by Type

Iraq

Microbiology Test Volume Forecasts by Application

Iraq

Microbiology Consumables Market Forecast by Application

Iraq

Infectious Disease Test Volume Forecast by Assay

Iraq

Infectious Disease Diagnostics Market Forecast by Test

Iraq

Infectious Disease Blood Screening NAT Volume Forecast by Assay

Iraq

Infectious Disease Blood Screening NAT Reagent Market Forecast by Assay

Israel

Microbiology Specimen Volume Forecast by Type

Israel

Microbiology Test Volume Forecasts by Application

Israel

Microbiology Consumables Market Forecast by Application

Israel

Infectious Disease Test Volume Forecast by Assay

Israel

Infectious Disease Diagnostics Market Forecast by Test

Israel

Infectious Disease Blood Screening NAT Volume Forecast by Assay

Israel

Infectious Disease Blood Screening NAT Reagent Market Forecast by Assay

Jordan

Microbiology Specimen Volume Forecast by Type

Jordan

Microbiology Test Volume Forecasts by Application

Jordan

Microbiology Consumables Market Forecast by Application

Jordan

Infectious Disease Test Volume Forecast by Assay

Jordan

Infectious Disease Diagnostics Market Forecast by Test

Jordan

Infectious Disease Blood Screening NAT Volume Forecast by Assay

Jordan

Infectious Disease Blood Screening NAT Reagent Market Forecast by Assay

Kuwait

Microbiology Specimen Volume Forecast by Type

Kuwait

Microbiology Test Volume Forecasts by Application

Kuwait

Microbiology Consumables Market Forecast by Application

Kuwait

Infectious Disease Test Volume Forecast by Assay

Kuwait

Infectious Disease Diagnostics Market Forecast by Test

Kuwait

Infectious Disease Blood Screening NAT Volume Forecast by Assay

Kuwait

Infectious Disease Blood Screening NAT Reagent Market Forecast by Assay

Lebanon

Microbiology Specimen Volume Forecast by Type

Lebanon

Microbiology Test Volume Forecasts by Application

Lebanon

Microbiology Consumables Market Forecast by Application

Lebanon

Infectious Disease Test Volume Forecast by Assay

Lebanon

Infectious Disease Diagnostics Market Forecast by Test

Lebanon

Infectious Disease Blood Screening NAT Volume Forecast by Assay

Lebanon

Infectious Disease Blood Screening NAT Reagent Market Forecast by Assay

Oman

Microbiology Specimen Volume Forecast by Type

Oman

Microbiology Test Volume Forecasts by Application

Oman

Microbiology Consumables Market Forecast by Application

Oman

Infectious Disease Test Volume Forecast by Assay

Oman

Infectious Disease Diagnostics Market Forecast by Test

Oman

Infectious Disease Blood Screening NAT Volume Forecast by Assay

Oman

Infectious Disease Blood Screening NAT Reagent Market Forecast by Assay

Qatar

Microbiology Specimen Volume Forecast by Type

Qatar

Microbiology Test Volume Forecasts by Application

Qatar

Microbiology Consumables Market Forecast by Application

Qatar

Infectious Disease Test Volume Forecast by Assay

Qatar

Infectious Disease Diagnostics Market Forecast by Test

Qatar

Infectious Disease Blood Screening NAT Volume Forecast by Assay

Qatar

Infectious Disease Blood Screening NAT Reagent Market Forecast by Assay

Saudi Arabia

Microbiology Specimen Volume Forecast by Type

Saudi Arabia

Microbiology Test Volume Forecasts by Application

Saudi Arabia

Microbiology Consumables Market Forecast by Application

Saudi Arabia

Infectious Disease Test Volume Forecast by Assay

Saudi Arabia

Infectious Disease Diagnostics Market Forecast by Test

Saudi Arabia

Infectious Disease Blood Screening NAT Volume Forecast by Assay

Saudi Arabia

Infectious Disease Blood Screening NAT Reagent Market Forecast by Assay

United Arab Emirates

Microbiology Specimen Volume Forecast by Type

United Arab Emirates

Microbiology Test Volume Forecasts by Application

United Arab Emirates

Microbiology Consumables Market Forecast by Application

United Arab Emirates

Infectious Disease Test Volume Forecast by Assay

United Arab Emirates

Infectious Disease Diagnostics Market Forecast by Test

United Arab Emirates

Infectious Disease Blood Screening NAT Volume Forecast by Assay

United Arab Emirates

Infectious Disease Blood Screening NAT Reagent Market Forecast by Assay

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 Gonorrhea 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

I would like to order

Product name: Middle East Automated Microbiology Market, 2019-2023: An 11-Country Analysis-Supplier Strategies, Volume and Sales Forecasts for 100 Molecular Diagnostic, Microbial Identification, Susceptibility, Blood Culture, Urine Screening and Immunodiagnostic Tests

Product link: <https://marketpublishers.com/r/MC44BFFCF0BEN.html>

Price: US\$ 9,850.00 (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/MC44BFFCF0BEN.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