

# **2024 Asia-Pacific Automated Microbiology Market for over 100 Molecular, Identification, Susceptibility, Culture, Urine Screening and Immunodiagnostic Tests: A 17-Country Analysis-Competitive Strategies, Emerging Technologies, Latest Instrumentation, Growth Opportunities**

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## **Abstracts**

This new 17-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 17-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

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

### 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, Gonorrhoea, 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 550 pages and 191 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**

Australia  
Bangladesh  
China  
Hong Kong  
India  
Indonesia  
Japan  
Malaysia  
Myanmar  
New Zealand

Pakistan  
Philippines  
Singapore  
South Korea  
Taiwan  
Thailand  
Vietnam

## **IX. COMPETITIVE ASSESSMENTS**

Abbott  
Agilent Technologies  
Applied Gene Technologies  
Arca Biopharma  
Beckman Coulter/Danaher  
Becton Dickinson  
Biokit  
bioMerieux  
Bio-Rad  
Decode Genetics  
Eiken Chemical  
Elitech Group  
Enzo Biochem  
Exact Sciences  
Fujirebio  
Grifols  
Hologic  
Illumina  
Leica Biosystems  
Li-Cor Biosciences  
Myriad Genetics  
Ortho-Clinical Diagnostics  
PerkinElmer  
Proteome Sciences  
Qiagen  
Quest Diagnostics  
Quidel  
Roche  
Scienion

Sequenom/LabCorp  
Shimadzu  
Siemens Healthineers  
Sierra Molecular  
Takara Bio  
Tecan Group  
Thermo Fisher  
Wako Chemical



## List Of Tables

### LIST OF TABLES

Australia  
Microbiology Specimen Volume Forecast by Type  
Australia  
Microbiology Test Volume Forecasts by Application  
Australia  
Microbiology Consumables Market Forecast by Application  
Australia  
Infectious Disease Test Volume Forecast by Assay  
Australia  
Infectious Disease Diagnostics Market Forecast by Test  
Australia  
Infectious Disease Blood Screening NAT Volume Forecast by Assay  
Australia  
Infectious Disease Blood Screening NAT Reagent Market Forecast by Assay  
Bangladesh  
Microbiology Specimen Volume Forecast by Type  
Bangladesh  
Microbiology Test Volume Forecasts by Application  
Bangladesh  
Microbiology Consumables Market Forecast by Application  
Bangladesh  
Infectious Disease Test Volume Forecast by Assay  
Bangladesh  
Infectious Disease Diagnostics Market Forecast by Test  
Bangladesh  
Infectious Disease Blood Screening NAT Volume Forecast by Assay  
Bangladesh  
Infectious Disease Blood Screening NAT Reagent Market Forecast by Assay  
China  
Microbiology Specimen Volume Forecast by Type  
China  
Microbiology Test Volume Forecasts by Application  
China  
Microbiology Consumables Market Forecast by Application  
China

Infectious Disease Test Volume Forecast by Assay

China

Infectious Disease Diagnostics Market Forecast by Test

China

Infectious Disease Blood Screening NAT Volume Forecast by Assay

China

Infectious Disease Blood Screening NAT Reagent Market Forecast by Assay

Hong Kong

Microbiology Specimen Volume Forecast by Type

Hong Kong

Microbiology Test Volume Forecasts by Application

Hong Kong

Microbiology Consumables Market Forecast by Application

Hong Kong

Infectious Disease Test Volume Forecast by Assay

Hong Kong

Infectious Disease Diagnostics Market Forecast by Test

Hong Kong

Infectious Disease Blood Screening NAT Volume Forecast by Assay

Hong Kong

Infectious Disease Blood Screening NAT Reagent Market Forecast by Assay

India

Microbiology Specimen Volume Forecast by Type

India

Microbiology Test Volume Forecasts by Application

India

Microbiology Consumables Market Forecast by Application

India

Infectious Disease Test Volume Forecast by Assay

India

Infectious Disease Diagnostics Market Forecast by Test

India

Infectious Disease Blood Screening NAT Volume Forecast by Assay

India

Infectious Disease Blood Screening NAT Reagent Market Forecast by Assay

Indonesia

Microbiology Specimen Volume Forecast by Type

Indonesia

Microbiology Test Volume Forecasts by Application

Indonesia

Microbiology Consumables Market Forecast by Application

Indonesia

Infectious Disease Test Volume Forecast by Assay

Indonesia

Infectious Disease Diagnostics Market Forecast by Test

Indonesia

Infectious Disease Blood Screening NAT Volume Forecast by Assay

Indonesia

Infectious Disease Blood Screening NAT Reagent Market Forecast by Assay

Japan

Laboratories Performing Microbiology Tests by Market Segment

Japan

Hospital Laboratories Performing Microbiology Tests by Bed Size

Japan

Commercial/Private Laboratories Performing Microbiology Tests by Annual Test Volume

Japan

All Market Segments Microbiology Specimen Volume

Japan

Hospital Laboratories Microbiology Specimen Volume

Japan

Commercial/Private Laboratories Microbiology Specimen Volume

Japan

Microbiology Test Volume by Market Segment

Japan

Microbiology Test Volume by Application

Japan

Urine Screening Test Volume by Market Segment

Japan

Microbial Identification Test Volume by Market Segment

Japan

Blood Culture Test Volume by Market Segment

Japan

Antibiotic Susceptibility Test Volume by Market Segment

Japan

Microbiology Consumables Market by Application

Japan

Microbiology Consumables Market by Market Segment

Japan

Microbial Identification Consumables Sales by Market Segment

Japan

Blood Culture Consumables Sales by Market Segment

Japan

Antibiotic Susceptibility Consumables Sales by Market Segment

Japan

Urine Screening Consumables Sales by Market Segment

Japan

All Market Segments Infectious Disease Test Volume Forecast by Assay

Japan

All Market Segments Infectious Disease Diagnostics Market Forecast by Test

Japan

Infectious Disease Blood Screening NAT Volume Forecast by Assay

Japan

Infectious Disease Blood Screening NAT Reagent Market Forecast by Assay

Japan

HIV/AIDS Testing Market Diagnostics Sales by Major Supplier

Japan

HIV/Hepatitis Blood Screening NAT Market Diagnostics Sales by Major Supplier

Japan

Campylobacter Testing Market Diagnostics Sales by Major Supplier

Japan

Candida Testing Market Diagnostics Sales by Major Supplier

Japan

Chlamydia Testing Market Diagnostics Sales by Major Supplier

Japan

CMV Testing Market Diagnostics Sales by Major Supplier

Japan

Gonorrhoea Testing Market Diagnostics Sales by Major Supplier

Japan

Hepatitis Testing Market Diagnostics Sales by Major Supplier

Japan

Hepatitis C Testing Market Diagnostics Sales by Major Supplier

Japan

Herpes Testing Market Diagnostics Sales by Major Supplier

Japan

Legionella Testing Market Diagnostics Sales Forecast by Major Supplier

Japan

Meningitis Testing Market Diagnostics Sales by Major Supplier

Japan  
Mononucleosis Testing Market Diagnostics Sales by Major Supplier  
Japan  
Mycoplasma Testing Market Diagnostics Sales by Major Supplier  
Japan  
Pneumonia Testing Market Diagnostics Sales by Major Supplier  
Japan  
RSV Testing Market Diagnostics Sales by Major Supplier  
Japan  
Rotavirus Testing Market Diagnostics Sales by Major Supplier  
Japan  
Rubella Testing Market Diagnostics Sales by Major Supplier  
Japan  
Septicemia Testing Market Diagnostics Sales by Major Supplier  
Japan  
Shigella Testing Market Diagnostics Sales by Major Supplier  
Japan  
Streptococci Testing Market Diagnostics Sales by Major Supplier  
Japan  
Syphilis Testing Market Diagnostics Sales by Major Supplier  
Japan  
Toxoplasmosis Testing Market Diagnostics Sales by Major Supplier  
Japan  
Trichomonas Testing Market Diagnostics Sales by Major Supplier  
Japan  
Tuberculosis Testing Market Diagnostics Sales by Major Supplier  
Japan  
Molecular Diagnostics Market Sales and Shares of Major Suppliers  
Malaysia  
Microbiology Specimen Volume Forecast by Type  
Malaysia  
Microbiology Test Volume Forecasts by Application  
Malaysia  
Microbiology Consumables Market Forecast by Application  
Malaysia  
Infectious Disease Test Volume Forecast by Assay  
Malaysia  
Infectious Disease Diagnostics Market Forecast by Test  
Malaysia

Infectious Disease Blood Screening NAT Volume Forecast by Assay  
Malaysia  
Infectious Disease Blood Screening NAT Reagent Market Forecast by Assay  
Myanmar  
Microbiology Specimen Volume Forecast by Type  
Myanmar  
Microbiology Test Volume Forecasts by Application  
Myanmar  
Microbiology Consumables Market Forecast by Application  
Myanmar  
Infectious Disease Test Volume Forecast by Assay  
Myanmar  
Infectious Disease Diagnostics Market Forecast by Test  
Myanmar  
Infectious Disease Blood Screening NAT Volume Forecast by Assay  
Myanmar  
Infectious Disease Blood Screening NAT Reagent Market Forecast by Assay  
New Zealand  
Microbiology Specimen Volume Forecast by Type  
New Zealand  
Microbiology Test Volume Forecasts by Application  
New Zealand  
Microbiology Consumables Market Forecast by Application  
New Zealand  
Infectious Disease Test Volume Forecast by Assay  
New Zealand  
Infectious Disease Diagnostics Market Forecast by Test  
New Zealand  
Infectious Disease Blood Screening NAT Volume Forecast by Assay  
New Zealand  
Infectious Disease Blood Screening NAT Reagent Market Forecast by Assay  
Pakistan  
Microbiology Specimen Volume Forecast by Type  
Pakistan  
Microbiology Test Volume Forecasts by Application  
Pakistan  
Microbiology Consumables Market Forecast by Application  
Pakistan  
Infectious Disease Test Volume Forecast by Assay

Pakistan

Infectious Disease Diagnostics Market Forecast by Test

Pakistan

Infectious Disease Blood Screening NAT Volume Forecast by Assay

Pakistan

Infectious Disease Blood Screening NAT Reagent Market Forecast by Assay

Philippines

Microbiology Specimen Volume Forecast by Type

Philippines

Microbiology Test Volume Forecasts by Application

Philippines

Microbiology Consumables Market Forecast by Application

Philippines

Infectious Disease Test Volume Forecast by Assay

Philippines

Infectious Disease Diagnostics Market Forecast by Test

Philippines

Infectious Disease Blood Screening NAT Volume Forecast by Assay

Philippines

Infectious Disease Blood Screening NAT Reagent Market Forecast by Assay

Singapore

Microbiology Test Volume Forecasts by Application

Singapore

Microbiology Consumables Market Forecast by Application

Singapore

Infectious Disease Test Volume Forecast by Assay

Singapore

Infectious Disease Diagnostics Market Forecast by Test

Singapore

Infectious Disease Blood Screening NAT Volume Forecast by Assay

Singapore

Infectious Disease Blood Screening NAT Reagent Market Forecast by Assay

South Korea

Microbiology Specimen Volume Forecast by Type

South Korea

Microbiology Test Volume Forecasts by Application

South Korea

Microbiology Consumables Market Forecast by Application

South Korea

Infectious Disease Test Volume Forecast by Assay

South Korea

Infectious Disease Diagnostics Market Forecast by Test

South Korea

Infectious Disease Blood Screening NAT Volume Forecast by Assay

South Korea

Infectious Disease Blood Screening NAT Reagent Market Forecast by Assay

Taiwan

Microbiology Specimen Volume Forecast by Type

Taiwan

Microbiology Test Volume Forecasts by Application

Taiwan

Microbiology Consumables Market Forecast by Application

Taiwan

Infectious Disease Test Volume Forecast by Assay

Taiwan

Infectious Disease Diagnostics Market Forecast by Test

Taiwan

Infectious Disease Blood Screening NAT Volume Forecast by Assay

Taiwan

Infectious Disease Blood Screening NAT Reagent Market Forecast by Assay

Thailand

Microbiology Specimen Volume Forecast by Type

Thailand

Microbiology Test Volume Forecasts by Application

Thailand

Microbiology Consumables Market Forecast by Application

Thailand

Infectious Disease Test Volume Forecast by Assay

Thailand

Infectious Disease Diagnostics Market Forecast by Test

Thailand

Infectious Disease Blood Screening NAT Volume Forecast by Assay

Thailand

Infectious Disease Blood Screening NAT Reagent Market Forecast by Assay

Vietnam

Microbiology Specimen Volume Forecast by Type

Vietnam

Microbiology Test Volume Forecasts by Application



Vietnam

Microbiology Consumables Market Forecast by Application

Vietnam

Infectious Disease Test Volume Forecast by Assay

Vietnam

Infectious Disease Diagnostics Market Forecast by Test

Vietnam

Infectious Disease Blood Screening NAT Volume Forecast by Assay

Vietnam

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 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  
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