

Japan Automated Microbiology Market, 2019-2023: Supplier Shares and Segmentation Forecasts--Molecular Dx, Identification, Susceptibility, Blood Culture, Urine Screening, Immunodiagnosics--Competitive Landscape, Innovative Technologies, Latest Instrumentation, Emerging Opportunities

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Abstracts

LeadingMarketResearch.com's new report is an analysis of major business opportunities emerging in the Japanese 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.

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 report will assist diagnostics industry executives, as well as companies planning to diversify into the dynamic and rapidly expanding Japanese microbiology market, in evaluating emerging opportunities and developing effective business strategies.

Market Segmentation Analysis

Sales and market shares for major suppliers by individual test.

Volume and sales forecasts for over 100 infectious disease assays by individual test:

Test volume estimates by method (molecular, serology/immunodiagnosics, culture/microscopy).

Review of the market dynamics, trends, structure, size, growth and major suppliers.

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.

The report profiles analyzers manufactured by Abbott Laboratories, Agilent Technologies, Beckman Coulter/Danaher, bioMérieux, Bio-Rad, DiaSorin, Eiken Chemical, Fujirebio, Grifols, Instrumentation Laboratory/Werfen, Kyowa Medex, Ortho-Clinical Diagnostics, PerkinElmer, Quest Diagnostics, Roche, Siemens Healthineers, Sysmex, Thermo Fisher, Tosoh, Wako.

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.

Global listings of 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.

The companies analyzed in the report include Abbott Laboratories, Agilent Technologies, Beckman Coulter/Danaher, bioMerieux, Bio-Rad, DiaSorin, Eiken Chemical, Fujirebio, Grifols, Instrumentation Laboratory/Werfen, Kyowa Medex, Ortho-Clinical Diagnostics, PerkinElmer, Quest Diagnostics, Roche, Siemens Healthineers, Sysmex, Thermo Fisher, Tosoh, Wako.

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 421 pages and 79 tables

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. JAPAN

- 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

VII. 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

VIII. COMPETITIVE ASSESSMENTS

Abbott

Affymetrix

Agilent Technologies

Applied Gene Technologies

Arca Biopharma

Beckman Coulter/Danaher

Becton Dickinson

Biokit

bioMerieux

Bio-Rad

Biotest

Cepheid

CellMark Forensics/Lab Corp

Decode Genetics

Diadexus

Diamedix/Erba

DiaSorin

Eiken Chemical

Elitech Group

Enzo Biochem

Exact Sciences

Fujirebio

Grifols

Hologic/Gen-Probe

Illumina

ID Biomedical/GSK

Kreatech/Leica

Li-Cor Biosciences

Lonza

Monogram Biosciences

Myriad Genetics

Ortho-Clinical Diagnostics

Perkin Elmer/Caliper

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 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
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
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

Gonorrhea 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

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