

2019 US Automated Microbiology Market: Supplier Sales and Shares, Sales Segment Forecasts, Emerging Technologies, Instrumentation Review, Competitive Landscape

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Abstracts

LeadingMarketResearch.com's new report is an analysis of the major business opportunities emerging in the automated microbiology market during the next five years. The report examines key trends in the U.S. automated microbiology market; 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 microbiology market, in evaluating emerging opportunities and developing effective business strategies.

Supplier Shares, Sales and Volume Forecasts

Sales and market shares of major suppliers of microbiology products, by individual test.

Five-year test volume and sales forecasts for over 100 microbiology assays.

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

U.S. Market Overview

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

Estimated universe of laboratories performing microbiology testing.

Specimen, test volume and sales forecasts.

Business 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.

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 features analyzers manufactured by Abbott, Alifax, Anagen, BD, Beckman Coulter/Danaher, Biochem, Biolog, bioMerieux, Bio-Rad, Biotrol, Cepheid, Curetis, GenMark, Hologic/Gen-Probe, HTG, Iris, J&J, Labsystems, Life Technologies, MiDI, Olympus, Qiagen, Roche, Siemens, Sy-Lab, Sysmex, Tecan, Thermo Fisher, Tosoh.

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 and others.

Technology Assessment

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 Strategies

Strategic assessments of major suppliers and start-up firms developing innovative technologies and products, including their sales, product portfolios, marketing tactics, collaborative arrangements, and new products in R&D.

Contains 436 pages and 94 tables

Contents

I. INTRODUCTION

II. 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 (Amplification Methods, Sequencing, Microarrays/Biochips)
 - 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

III. U.S.

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

IV. MAJOR PRODUCT DEVELOPMENT OPPORTUNITIES

V. DESIGN CRITERIA FOR DECENTRALIZED TESTING PRODUCTS

VI. 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 Pharma
Beckman Coulter/Danaher
Becton Dickinson
Biokit
bioMerieux
Bio-Rad
Biotest
Cepheid
CellMark Forenciscs/Lab Corp
Decode Genetics
Diadexus
Diamedix
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 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.S.A.

Laboratories Performing Microbiology Tests by Market Segment

U.S.A.

Hospital Laboratories Performing Microbiology Tests by Bed Size

U.S.A.

Commercial/Private Laboratories Performing Microbiology Tests by Annual Test Volume

U.S.A.

All Market Segments Microbiology Specimen Volume

U.S.A.

Hospital Laboratories Microbiology Specimen Volume

U.S.A.

Physician Offices/Group Practices Microbiology Specimen Volume

U.S.A.

Public Health Laboratories Microbiology Specimen Volume

U.S.A.

Commercial/Private Laboratories Microbiology Specimen Volume

U.S.A.

Microbiology Test Volume by Market Segment

U.S.A.

Microbiology Test Volume by Application

U.S.A.

Microbial Identification Test Volume by Market Segment

U.S.A.

Urine Screening Test Volume by Market Segment

U.S.A.

Blood Culture Test Volume by Market Segment

U.S.A.

Antibiotic Susceptibility Test Volume by Market Segment

U.S.A.

Microbiology Consumables Market by Application

U.S.A.

Microbiology Consumables Market by Market Segment

U.S.A.

Microbial Identification Consumables Sales by Market Segment

U.S.A.

Antibiotic Susceptibility Consumables Sales by Market Segment

U.S.A.

Blood Culture Consumables Sales by Market Segment

U.S.A.

Urine Screening Consumables Sales by Market Segment

U.S.A.

All Market Segments Infectious Disease Test Volume Forecast by Assay

U.S.A.

All Market Segments Infectious Disease Diagnostics Market Forecast by Test

U.S.A.

Infectious Disease Blood Screening NAT Volume Forecast by Assay

U.S.A.

Infectious Disease Blood Screening NAT Reagent Market Forecast by Assay

U.S.A.

HIV/AIDS Testing Market Diagnostics Sales by Major Supplier

U.S.A.

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

U.S.A.

Adenovirus Testing Market Diagnostics Sales by Major Supplier

U.S.A.

Campylobacter Testing Market Diagnostics Sales by Major Supplier

U.S.A.

Candida Testing Market Diagnostics Sales by Major Supplier

U.S.A.

Chancroid Testing Market Diagnostics Sales by Major Supplier

U.S.A.

Chlamydia Testing Market Diagnostics Sales by Major Supplier

U.S.A.

CMV Testing Market Diagnostics Sales by Major Supplier

U.S.A.

Cryptosporidium Testing Market Diagnostics Sales by Major Supplier

U.S.A.

Echovirus Testing Market Diagnostics Sales by Major Supplier

U.S.A.

Enterovirus Testing Market Diagnostics Sales by Major Supplier

U.S.A.

EBV Testing Market Diagnostics Sales by Major Supplier

U.S.A.

Giardia Testing Market Diagnostics Sales by Major Supplier

U.S.A.

Gonorrhea Testing Market Diagnostics Sales by Major Supplier

U.S.A.

Helicobacter Pylori Testing Market Diagnostics Sales by Major Supplier

U.S.A.

Hepatitis Testing Market Diagnostics Sales by Major Supplier

U.S.A.

Hepatitis C Testing Market Diagnostics Sales by Major Supplier

U.S.A.

Herpes Testing Market Diagnostics Sales by Major Supplier

U.S.A.

Influenza Testing Market Diagnostics Sales by Major Supplier

U.S.A.

Legionella Testing Market Diagnostics Sales by Major Supplier

U.S.A.

Lyme Disease Testing Market Diagnostics Sales by Major Supplier

U.S.A.

Measles Testing Market Diagnostics Sales by Major Supplier

U.S.A.

Meningitis Testing Market Diagnostics Sales by Major Supplier

U.S.A.

Mononucleosis Testing Market Diagnostics Sales by Major Supplier

U.S.A.

Mumps Testing Market Diagnostics Sales by Major Supplier

U.S.A.

Mycoplasma Testing Market Diagnostics Sales by Major Supplier

U.S.A.

Pneumonia Testing Market Diagnostics Sales by Major Supplier

U.S.A.

Rabies Testing Market Diagnostics Sales by Major Supplier

U.S.A.

RSV Testing Market Diagnostics Sales by Major Supplier

U.S.A.

Rotavirus Testing Market Diagnostics Sales by Major Supplier

U.S.A.

Rubella Testing Market Diagnostics Sales by Major Supplier

U.S.A.

Salmonella Testing Market Diagnostics Sales by Major Supplier

U.S.A.

Septicemia Testing Market Diagnostics Sales by Major Supplier

U.S.A.

Shigella Testing Market Diagnostics Sales by Major Supplier

U.S.A.

Streptococci Testing Market Diagnostics Sales by Major Supplier

U.S.A.

Syphilis Testing Market Diagnostics Sales by Major Supplier

U.S.A.

Toxoplasmosis Testing Market Diagnostics Sales by Major Supplier

U.S.A.

Tuberculosis Testing Market Diagnostics Sales by Major Supplier

U.S.A.

Molecular Diagnostics Market Sales and Shares of Major Suppliers

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