

2019-2023 Global Microbiology Automated Market: Emerging Opportunities in US, Europe Japan--Supplier Shares and Strategies, Country Segment Forecasts, Technology and Instrumentation Review--Molecular Diagnostics, Microbial Identification, Antibiotic Susceptibility, Blood Culture, Urine Screening, Immunodiagnostics

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Abstracts

Complete report \$35,500. DataPack (test volumes, sales forecasts, supplier shares) \$22,400.

LeadingMarketResearch.com's new report is a seven-country strategic 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., five major European countries (France, Germany, Italy, Spain, UK) and Japan; 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, and country; 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 seven-country 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.

Worldwide Market Overview

Estimated universe of laboratories performing microbiology testing by country.

Specimen, test volume and sales forecasts by country.

Geographic Coverage

France, Germany, Italy, Japan, Spain, UK, USA

Market Segmentation Analysis

Sales and market shares for major suppliers by individual test and country.

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

Test volume estimates by method (molecular, serology/immunodiagnosics,

culture/microscopy).

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

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, 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, Carbapenemase, 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, Norovirus, 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, Affymetrix, Agilent Technologies, Arca Biopharma, Beckman Coulter/Danaher, Becton Dickinson, Biokit, bioMerieux, Bio-

Rad, Biotest, CellMark Forensics/LabCorp, Cepheid, Decode Genetics, 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, Thermo Fisher, Wallac/PE, 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 821 pages and 371 tables

Contents

I. INTRODUCTION

II. WORLDWIDE MARKET AND TECHNOLOGY OVERVIEW

- A. Global Automated Microbiology Market Business Environment
- B. Global Automated Microbiology Market Structure
- C. Global Automated Microbiology Market Size and Growth

III. NEW 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

VI. 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 Challenge

VII. 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 Automated and Semiautomated Microbiology System

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

Basic Principles

Probe Preparation

The DNA Probe Test

Test Formats

Labeling Techniques

Amplification Methods

Polymerase Chain Reaction

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, and others
- 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

VIII. FRANCE AUTOMATED MICROBIOLOGY MARKET

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

IX. GERMANY AUTOMATED MICROBIOLOGY MARKET

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

X. ITALY AUTOMATED MICROBIOLOGY MARKET

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

XI. JAPAN AUTOMATED MICROBIOLOGY MARKET

- A. Business Environment

B. Market Structure

C. Market Size, Test Volume and Sales Forecasts, Major Supplier Sales and Market Shares

XII. SPAIN AUTOMATED MICROBIOLOGY MARKET

A. Business Environment

B. Market Structure

C. Market Size, Test Volume, and Sales Forecasts, Major Supplier Sales and Market Shares

XIII. U.K. AUTOMATED MICROBIOLOGY MARKET

A. Business Environment

B. Market Structure

C. Market Size, Test Volume, and Sales Forecasts, Major Supplier Sales and Market Shares

XIV. U.S. AUTOMATED MICROBIOLOGY MARKET

A. Business Environment

B. Market Structure

C. Market Size, Test Volume and Sales Forecasts, Major Supplier Sales and Market Shares

XV. COMPETITIVE ASSESSMENTS

Abbott

Affymetrix

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
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
Worldwide, All Market Segments, Laboratories Performing Microbiology Tests by Country
Worldwide, All Market Segments, Microbiology Specimen Volume by Country
Worldwide, All Market Segments, Microbiology Consumables Sales By Country
France Laboratories Performing Microbiology Tests by Market Segment
France Hospital Laboratories Performing Microbiology Tests by Bed Size
France Commercial/Private Laboratories Performing Microbiology Tests by Annual Test Volume
France All Market Segments Microbiology Specimen Volume
France Hospital Laboratories Microbiology Specimen Volume
France Commercial/Private Laboratories Microbiology Specimen Volume
France Microbiology Test Volume by Market Segment
France Microbiology Test Volume by Application
France Blood Culture Test Volume by Market Segment
France Microbial Identification Test Volume by Market Segment
France Urine Screening Test Volume by Market Segment
France Antibiotic Susceptibility Test Volume by Market Segment
France Microbiology Consumables Market by Application
France Microbiology Consumables Market by Market Segment
France Microbial Identification Consumables Sales by Market Segment
France Blood Culture Consumables Sales by Market Segment
France Antibiotic Susceptibility Consumables Sales by Market Segment
France Urine Screening Consumables Sales by Market Segment
France All Market Segments Infectious Disease Test Volume Forecast by Assay
France All Market Segments Infectious Disease Diagnostics Market Forecast by Test
France Infectious Disease Blood Screening NAT Volume Forecast by Assay
France Infectious Disease Blood Screening NAT Reagent Market Forecast by Assay

France HIV/AIDS Testing Market Diagnostics Sales by Major Supplier
France HIV/Hepatitis Blood Screening NAT Market Diagnostics Sales by Major Supplier
France Adenovirus Testing Market Diagnostics Sales by Major Supplier
France Campylobacter Testing Market Diagnostics Sales by Major Supplier
France Candida Testing Market Diagnostics Sales by Major Supplier
France Chlamydia Testing Market Diagnostics Sales by Major Supplier
France CMV Testing Market Diagnostics Sales by Major Supplier
France Gonorrhoea Testing Market Diagnostics Sales by Major Supplier
France Hepatitis Testing Market Diagnostics Sales by Major Supplier
France Hepatitis C Testing Market Diagnostics Sales by Major Supplier
France Herpes Testing Market Diagnostics Sales by Major Supplier
France Lyme Disease Testing Market Diagnostics Sales by Major Supplier
France Influenza Testing Market Diagnostics Sales by Major Supplier
France Meningitis Testing Market Diagnostics Sales by Major Supplier
France Mononucleosis Testing Market Diagnostics Sales by Major Supplier
France Mumps Testing Market Diagnostics Sales by Major Supplier
France Mycoplasma Testing Market Diagnostics Sales by Major Supplier
France RSV Testing Market Diagnostics Sales by Major Supplier
France Rotavirus Testing Market Diagnostics Sales by Major Supplier
France Rubella Testing Market Diagnostics Sales by Major Supplier
France Septicemia Testing Market Diagnostics Sales by Major Supplier
France Shigella Testing Market Diagnostics Sales by Major Supplier
France Streptococci Testing Market Diagnostics Sales by Major Supplier
France Syphilis Testing Market Diagnostics Sales by Major Supplier
France Toxoplasmosis Testing Market Diagnostics Sales by Major Supplier
France Trichomonas Testing Market Diagnostics Sales by Major Supplier
France Tuberculosis Testing Market Diagnostics Sales by Major Supplier
France Molecular Diagnostics Market Sales and Shares of Major Suppliers
Germany Laboratories Performing Microbiology Tests by Market Segment
Germany Hospital Laboratories Performing Microbiology Tests by Bed Size
Germany Commercial/Private Laboratories Performing Microbiology Tests by Annual Test Volume
Germany All Market Segments Microbiology Specimen Volume
Germany Hospital Laboratories Microbiology Specimen Volume
Germany Commercial/Private Laboratories Microbiology Specimen Volume
Germany Microbiology Test Volume by Market Segment
Germany Microbiology Test Volume by Application
Germany Urine Screening Test Volume by Market Segment
Germany Microbial Identification Test Volume by Market Segment

Germany Antibiotic Susceptibility Test Volume by Market Segment
Germany Blood Culture Test Volume by Market Segment
Germany Microbiology Consumables Market by Application
Germany Microbiology Consumables Market by Market Segment
Germany Microbial Identification Consumables Sales by Market Segment
Germany Antibiotic Susceptibility Consumables Sales by Market Segment
Germany Blood Culture Consumables Sales by Market Segment
Germany Urine Screening Consumables Sales by Market Segment
Germany All Market Segments Infectious Disease Test Volume Forecast by Assay
Germany All Market Segments Infectious Disease Diagnostics Market Forecast by Test
Germany Infectious Disease Blood Screening NAT Volume Forecast by Assay
Germany Infectious Disease Blood Screening NAT Reagent Market Forecast by Assay
Germany HIV/AIDS Testing Market Diagnostics Sales by Major Supplier
Germany HIV/Hepatitis Blood Screening NAT Market Diagnostics Sales by Major Supplier
Germany Campylobacter Testing Market Diagnostics Sales by Major Supplier
Germany Candida Testing Market Diagnostics Sales by Major Supplier
Germany CMV Testing Market Diagnostics Sales by Major Supplier
Germany EBV Testing Market Diagnostics Sales by Major Supplier
Germany Gonorrhoea Testing Market Diagnostics Sales by Major Supplier
Germany Hepatitis Testing Market Diagnostics Sales by Major Supplier
Germany Hepatitis C Testing Market Diagnostics Sales by Major Supplier
Germany Herpes Testing Market Diagnostics Sales by Major Supplier
Germany Influenza Testing Market Diagnostics Sales by Major Supplier
Germany Legionella Testing Market Diagnostics Sales by Major Supplier
Germany Meningitis Testing Market Diagnostics Sales by Major Supplier
Germany Mononucleosis Testing Market Diagnostics Sales by Major Supplier
Germany Mycoplasma Testing Market Diagnostics Sales by Major Supplier
Germany Pneumonia Testing Market Diagnostics Sales by Major Supplier
Germany RSV Testing Market Diagnostics Sales Forecast by Major Supplier
Germany Rotavirus Testing Market Diagnostics Sales by Major Supplier
Germany Rubella Testing Market Diagnostics Sales by Major Supplier
Germany Septicemia Testing Market Diagnostics Sales by Major Supplier
Germany Streptococci Testing Market Diagnostics Sales by Major Supplier
Germany Toxoplasmosis Testing Market Diagnostics Sales by Major Supplier
Germany Trichomonas Testing Market Diagnostics Sales by Major Supplier
Germany Tuberculosis Testing Market Diagnostics Sales by Major Supplier
Germany Molecular Diagnostics Market Sales and Shares of Major Suppliers
Italy Laboratories Performing Microbiology Tests by Market Segment

Italy Hospital Laboratories Performing Microbiology Tests by Bed Size
Italy Commercial/Private Laboratories Performing Microbiology Tests by Annual Test Volume
Italy All Market Segments Microbiology Specimen Volume
Italy Hospital Laboratories Microbiology Specimen Volume
Italy Commercial/Private Laboratories Microbiology Specimen Volume
Italy Microbiology Test Volume by Market Segment
Italy Microbiology Test Volume by Application
Italy Microbial Identification Test Volume by Market Segment
Italy Urine Screening Test Volume by Market Segment
Italy Antibiotic Susceptibility Test Volume by Market Segment
Italy Blood Culture Test Volume by Market Segment
Italy Microbiology Consumables Market by Application
Italy Microbiology Consumables Market by Market Segment
Italy Microbial Identification Consumables Sales by Market Segment
Italy Antibiotic Susceptibility Consumables Sales by Market Segment
Italy Blood Culture Consumables Sales by Market Segment
Italy Urine Screening Consumables Sales by Market Segment
Italy All Market Segments Infectious Disease Test Volume Forecast by Assay
Italy All Market Segments Infectious Disease Diagnostics Market Forecast by Test
Italy Infectious Disease Blood Screening NAT Volume Forecast by Assay
Italy Infectious Disease Blood Screening NAT Reagent Market Forecast by Assay
Italy HIV/AIDS Testing Market Diagnostics Sales by Major Supplier
Italy HIV/Hepatitis Blood Screening NAT Market Diagnostics Sales by Major Supplier
Italy Campylobacter Testing Market Diagnostics Sales by Major Supplier
Italy Candida Testing Market Diagnostics Sales by Major Supplier
Italy CMV Testing Market Diagnostics Sales by Major Supplier
Italy Gonorrhoea Testing Market Diagnostics Sales by Major Supplier
Italy Hepatitis Testing Market Diagnostics Sales by Major Supplier
Italy Hepatitis C Testing Market Diagnostics Sales by Major Supplier
Italy Herpes Testing Market Diagnostics Sales by Major Supplier
Italy Influenza Testing Market Diagnostics Sales by Major Supplier
Italy Meningitis Testing Market Diagnostics Sales by Major Supplier
Italy Mononucleosis Testing Market Diagnostics Sales by Major Supplier
Italy Mycoplasma Testing Market Diagnostics Sales by Major Supplier
Italy RSV Testing Market Diagnostics Sales by Major Supplier
Italy Rotavirus Testing Market Diagnostics Sales by Major Supplier
Italy Rubella Testing Market Diagnostics Sales by Major Supplier
Italy Septicemia Testing Market Diagnostics Sales by Major Supplier

Italy Streptococci Testing Market Diagnostics Sales by Major Supplier
Italy Toxoplasmosis Testing Market Diagnostics Sales by Major Supplier
Italy Trichomonas Testing Market Diagnostics Sales by Major Supplier
Italy Tuberculosis Testing Market Diagnostics Sales by Major Supplier
Italy Molecular Diagnostics Market Sales and Shares of Major Suppliers
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
Spain Laboratories Performing Microbiology Tests by Market Segment
Spain Hospital Laboratories Performing Microbiology Tests by Bed Size
Spain Commercial/Private Laboratories Performing Microbiology Tests by Annual Test Volume
Spain All Market Segments Microbiology Specimen Volume
Spain Hospital Laboratories Microbiology Specimen Volume
Spain Commercial/Private Laboratories Microbiology Specimen Volume
Spain Microbiology Test Volume by Market Segment
Spain Microbiology Test Volume by Application
Spain Microbial Identification Test Volume by Market Segment
Spain Urine Screening Test Volume by Market Segment
Spain Blood Culture Test Volume by Market Segment
Spain Antibiotic Susceptibility Test Volume by Market Segment
Spain Microbiology Consumables Market by Application
Spain Microbiology Consumables Market by Market Segment
Spain Microbial Identification Consumables Sales by Market Segment
Spain Blood Culture Consumables Sales by Market Segment
Spain Antibiotic Susceptibility Consumables Sales by Market Segment
Spain Urine Screening Consumables Sales by Market Segment
Spain All Market Segments Infectious Disease Test Volume Forecast by Assay
Spain All Market Segments Infectious Disease Diagnostics Market Forecast by Test
Spain Infectious Disease Blood Screening NAT Volume Forecast by Assay
Spain Infectious Disease Blood Screening NAT Reagent Market Forecast by Assay
Spain HIV/AIDS Testing Market Diagnostics Sales by Major Supplier

Spain HIV/Hepatitis Blood Screening NAT Market Diagnostics Sales by Major Supplier
Spain Chlamydia Testing Market Diagnostics Sales by Major Supplier
Spain CMV Testing Market Diagnostics Sales by Major Supplier
Spain Hepatitis Testing Market Diagnostics Sales by Major Supplier
Spain Hepatitis C Testing Market Diagnostics Sales by Major Supplier
Spain Herpes Testing Market Diagnostics Sales by Major Supplier
Spain Influenza Testing Market Diagnostics Sales by Major Supplier
Spain Lyme Disease Testing Market Diagnostics Sales by Major Supplier
Spain Meningitis Testing Market Diagnostics Sales by Major Supplier
Spain Mononucleosis Testing Market Diagnostics Sales by Major Supplier
Spain Mycoplasma Testing Market Diagnostics Sales by Major Supplier
Spain RSV Testing Market Diagnostics Sales by Major Supplier
Spain Rotavirus Testing Market Diagnostics Sales by Major Supplier
Spain Rubella Testing Market Diagnostics Sales by Major Supplier
Spain Septicemia Testing Market Diagnostics Sales by Major Supplier
Spain Streptococci Testing Market Diagnostics Sales by Major Supplier
Spain Syphilis Testing Market Diagnostics Sales by Major Supplier
Spain Toxoplasmosis Testing Market Diagnostics Sales by Major Supplier
Spain Trichomonas Testing Market Diagnostics Sales by Major Supplier
Spain Tuberculosis Testing Market Diagnostics Sales by Major Supplier
Spain Molecular Diagnostics Market Sales and Shares of Major Suppliers
U.K. Laboratories Performing Microbiology Tests by Market Segment
U.K. Hospital Laboratories Performing Microbiology Tests by Bed Size
U.K. Commercial/Private Laboratories Performing Microbiology Tests by Annual Test Volume
U.K. All Market Segments Microbiology Specimen Volume
U.K. Hospital Laboratories Microbiology Specimen Volume
U.K. Public Health Laboratories Microbiology Specimen Volume
U.K. Commercial/Private Laboratories Microbiology Specimen Volume
U.K. Microbiology Test Volume by Market Segment
U.K. Microbiology Test Volume by Application
U.K. Microbial Identification Test Volume by Market Segment
U.K. Urine Screening Test Volume by Market Segment
U.K. Antibiotic Susceptibility Test Volume by Market Segment
U.K. Blood Culture Test Volume by Market Segment
U.K. Microbiology Consumables Market by Application
U.K. Microbiology Consumables Market by Market Segment
U.K. Microbial Identification Consumables Sales by Market Segment
U.K. Antibiotic Susceptibility Consumables Sales by Market Segment

U.K. Blood Culture Consumables Sales by Market Segment
U.K. Urine Screening Consumables Sales by Market Segment
U.K. All Market Segments Infectious Disease Test Volume Forecast by Assay
U.K. All Market Segments Infectious Disease Diagnostics Market Forecast by Test
U.K. Infectious Disease Blood Screening NAT Volume Forecast by Assay
U.K. Infectious Disease Blood Screening NAT Reagent Market Forecast by Assay
U.K. HIV/AIDS Testing Market Diagnostics Sales by Major Supplier
U.K. HIV/Hepatitis Blood Screening NAT Market Diagnostics Sales by Major Supplier
U.K. Campylobacter Testing Market Diagnostics Sales by Major Supplier
U.K. Candida Testing Market Diagnostics Sales by Major Supplier
U.K. Gonorrhoea Testing Market Diagnostics Sales by Major Supplier
U.K. Hepatitis Testing Market Diagnostics Sales by Major Supplier
U.K. Hepatitis C Testing Market Diagnostics Sales by Major Supplier
U.K. Influenza Testing Market Diagnostics Sales by Major Supplier
U.K. Mycoplasma Testing Market Diagnostics Sales by Major Supplier
U.K. Pneumonia Testing Market Diagnostics Sales by Major Supplier
U.K. RSV Testing Market Diagnostics Sales by Major Supplier
U.K. Rubella Testing Market Diagnostics Sales by Major Supplier
U.K. Septicemia Testing Market Diagnostics Sales by Major Supplier
U.K. Shigella Testing Market Diagnostics Sales by Major Supplier
U.K. Streptococci Testing Market Diagnostics Sales by Major Supplier
U.K. Syphilis Testing Market Diagnostics Sales by Major Supplier
U.K. Tuberculosis Testing Market Diagnostics Sales by Major Supplier
U.K. Molecular Diagnostics Market Sales and Shares of Major Suppliers
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
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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
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