

# Global Automated Microbiology Market, 2019-2023: US, Europe, Japan--Supplier Sales and Shares by Country, Sales Segment Forecasts, Emerging Technologies, Instrumentation Review, Competitive Landscape

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## Abstracts

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/immunodiagnostics, 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, 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,

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.

#### 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 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  
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

Gonorrhea 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

Gonorrhea 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

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

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CMV Testing Market Diagnostics Sales by Major Supplier

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Cryptosporidium Testing Market Diagnostics Sales by Major Supplier

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Echovirus Testing Market Diagnostics Sales by Major Supplier

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Enterovirus Testing Market Diagnostics Sales by Major Supplier

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Syphilis Testing Market Diagnostics Sales by Major Supplier  
U.S.A.

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Molecular Diagnostics Market Sales and Shares of Major Suppliers

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