

# **Italy Automated Microbiology Market, 2019-2023: Supplier Sales and Shares, Sales Segment Forecasts, Emerging Technologies, Instrumentation Review, Competitive Landscape**

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## **Abstracts**

VPGMarketResearch'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 Italian 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).

### ItalyMarket 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, 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 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 417 pages and 75 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. ITALY**

- 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 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  
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

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