

2016 European Infectious Disease Molecular Diagnostics Market: Country Forecasts, Supplier Shares, Emerging Technologies, Competitive Landscape

<https://marketpublishers.com/r/207F1A1EF38EN.html>

Date: October 2015

Pages: 700

Price: US\$ 9,440.00 (Single User License)

ID: 207F1A1EF38EN

Abstracts

Complete report \$11,800. DataPack (test volumes, sales forecasts, supplier shares) \$7,700. The report is available by country, section, market segment, individual test, and can be custom-tailored to your specific information needs and budget.

This new five-country study from VPGMarketResearch contains 700 pages, 54 tables, and is designed to help current suppliers and potential market entrants identify and evaluate emerging opportunities in the infectious disease molecular diagnostics market during the next five years.

Report Highlights

Business and technological trends in major markets

Five-year test volume and sales forecasts

Market shares of leading competitors

Feature comparison of major analyzers

Strategic profiles of leading market players and start-up firms developing innovative products

Specific product and business opportunities for instrument and consumable

suppliers.

Rationale

The infectious disease molecular diagnostics market is one of the most rapidly growing segments of the in vitro diagnostics industry. The next five years will witness significant developments in reagent systems and automation, as well as introduction of a wide range of new products that will require innovative marketing approaches. The rate of market penetration into routine clinical laboratories, however, will depend on the introduction of cost-effective and automated systems with amplification methods.

In order to successfully capitalize on the opportunities presented by the infectious disease molecular diagnostics market, many companies are already exploiting new molecular technologies as corporate strategic assets, managed in support of business and marketing strategies. Integrating new technology planning with business and corporate strategies will be one of the most challenging tasks for diagnostic companies during the next five years.

Geographic Coverage

France

Germany

Italy

Spain

UK

European Market Overview

Laboratories performing DNA sequencing and molecular diagnostic testing for infectious diseases by country and market segment.

Five-year test volume and sales projections by country.

Market Segmentation Analysis

Sales and market shares of leading suppliers of infectious disease molecular diagnostic reagent kits and components.

Five-year test volume and sales projections for over 40 infectious disease molecular diagnostic assays.

A comprehensive analysis of the sequencing market by country and laboratory segment.

Detailed market segmentation analysis, including review of the market dynamics, trends, structure, size, growth and major suppliers by country.

Product/Technology Review

Comparison of leading infectious disease molecular diagnostic analyzers.

Extensive review of molecular diagnostic technologies, test formats, detection methodologies, trends in testing automation and over target/signal amplification methods.

Worldwide listings of companies, universities and research centers developing new molecular diagnostic technologies and products.

Competitive Assessments

Extensive strategic assessments of major suppliers and emerging market entrants, including their sales, product portfolios, marketing tactics, collaborative arrangements and new technologies/products in R&D.

Abbott

Affymetrix

Agilent Technologies

Applied Gene Technologies

Arca Biopharma

Beckman Coulter/Danaher

Becton Dickinson

Biokit

BioMerieux

Bio-Rad

Biotest

Cepheid

CellMark Forensics/LabCorp

Decode Genetics

Diadexus

Eiken

Elitech Group

Enzo

Exact Sciences

Fujirebio

Grifols

Hologic/Gen-Probe

Illumina

Kreatech/Leica

Li-Cor Biosciences

Monogram Biosciences

Myriad Genetics

Ortho-Clinical Diagnostics

Perkin Elmer/Caliper

Proteome Sciences

Qiagen

Roche

Scienion

Sequenom

Shimadzu

Siemens

Sierra Molecular

Takara Bio

Tecan Group

Thermo Fisher

Comprehensive listings of companies developing and marketing infectious disease molecular diagnostic products, by test and application.

Opportunities and Strategic Recommendations

Specific new product development opportunities with potentially significant market appeal during the next five years.

Design criteria for new products.

Alternative market penetration strategies.

Potential market entry barriers and risks.

Business planning issues and concerns.

Contains 700 pages and 54 tables

Contents

I. INTRODUCTION

II. MAJOR PRODUCT DEVELOPMENT OPPORTUNITIES

- A. Instrumentation
- B. Reagent Kits and Test Systems/panels
- C. Computers, Software and Automation
- D. Auxiliary Products

III. DESIGN CRITERIA FOR DECENTRALIZED TESTING PRODUCTS

IV. ALTERNATIVE MARKET PENETRATION STRATEGIES

- A. Internal Development
- B. Collaborative Arrangements
- C. University Contracts
- D. Distribution Strategies For Decentralized Testing Markets

V. 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

VI. WORLDWIDE MARKET AND TECHNOLOGY REVIEW

- A. DNA Sequencing
 - 1. Introduction
 - 2. Sequencing Methods
 - 3. Autoradiography
 - 4. The Human Genome Project
 - 5. Sequencing Automation
 - 6. Image Scanners

7. Fluorescent Detection
 8. Gene Profiling
 9. Gene Expression
 10. Polymorphism Screening
 11. Protein Interaction Networks
- B. DNA and RNA Probe Technologies**
1. Basic Principles
 2. Probe Preparation
 3. The DNA Probe Test
 4. Test Formats
 5. Labeling Techniques
 6. Amplification Methods
- C. Detection Technologies**
1. Radioactive Methods
 - a. Overview
 - b. Major Isotopes
 - P-32
 - S-35
 - H-3
 - I-125
 2. Non-Isotopic Methods
 - a. Enzymatic Labels
 - b. Chemical Labeling
 - Indirect Chemical Labeling
 - Direct Chemical Labeling
 - c. Fluorescence
 - d. Chemiluminescence
 - e. Electrical Conductivity
- D. Molecular Diagnostic Instrumentation Review**
1. Abbott LCx
 2. Beckman Coulter/Biomek FK
 3. BD Viper System with XTR Technology
 4. BD Innova
 5. Becton Dickinson SDA
 6. bioMerieux NucliSENS easyMAG
 7. bioMerieux NucliSENS easyQ and MiniMAG
 8. Bio-Rad GeneScope
 9. Cepheid GeneXpert
 10. Curetis Unyvero

11. GenMark Dx eSensor XT-8
 12. Hologic/Gen-Probe Panther
 13. Hologic/Gen-Probe Tigris/DTS
 14. HTG Molecular Edge
 15. Life Technologies QuantStudio Dx
 16. Qiagen QIA Symphony RGQ
 17. Roche Cobas Amplicor
 18. Roche Cobas TaqMan 48
 19. Roche Cobas TaqMan
 20. Roche Cobas TaqMan AmpliPrep
 21. Roche LighCycler 480
 22. Roche Cobas 4800
 23. Roche Cobas s 201
 24. Siemens Versant
 25. Tecan LS Series
- E. Biochips: Genosensors, Microarrays, and Labs-on-the-Chip
- Liquid Transportation and Mixing
 - Separation
 - Reaction
 - Detection
- F. Pharmacogenomics
- G. Major Applications, Microbiology/Infectious Diseases
- a. Overview
 - b. Major Infectious Diseases
 - AIDS: HIV/HIV-1/2/Combo, HIVAg/HIV NAT, Western Blot, HTLV-I/II
 - Adenovirus
 - Aeromonas
 - Anthrax/Bacillus Anthracis
 - Arboviruses
 - Babesiosis
 - Bacillary Epithelioid Angiomatosis (BEA) and Other Bartonella (Rochalimaea)
 - Blastocystis Hominis
 - Brucella
 - Campylobacter
 - Candida
 - Chagas Disease
 - Chancroid
 - Chlamydia
 - Clostridium Difficile

Coronaviruses
Coxsackieviruses
Creutzfeldt-Jakob's Disease
Cryptosporidium Parvum
Cyclospora Cayetanensis
Cytomegalovirus
Ebola Virus
E. Coli
EchoVirus
Encephalitis
Enteroviruses
Epstein-Barr Virus
Giardia Lamblia
Gonorrhea
Granuloma Inguinale
Hantavirus
Helicobacter Pylori
Hepatitis: HAV NAT, HBV NAT, HBs Ag, HCV, HCV NAT, Anti-HBc, Anti-HBs, Anti-HAV, Hepatitis Delta, HBc Ag, HBe Ag, ALT/SGPT
Herpes Simplex Virus
Human Herpes Virus-6 (HHV-6)
Influenza Viruses
Legionella
Lyme Disease
Lymphogranuloma Venereum (LGV)
Malaria
Measles (Rubeola)
Meningitis
Microsporidium
Mononucleosis
Mumps
Mycoplasma
Papillomaviruses
Parvovirus B19
Pneumonia
Polyomaviruses
Pseudomonas Aeruginosa
Rabies
Respiratory Syncytial Virus (RSV)

Rhinoviruses
Rotavirus
Rubella
Salmonellosis
Septicemia
Shigellosis
Staphylococcus Aureus
Streptococci
Syphilis
Toxoplasmosis
Trichomonas Vaginalis
Tuberculosis
Vibrio
West Nile Virus
Yersina

H. Competing/complementing

1. Monoclonal Antibodies/Immunoassays
2. RNA Probes
3. Two-Dimensional Electrophoresis
4. Flow Cytometry

VII. FRANCE MOLECULAR DIAGNOSTICS MARKET

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

VIII. GERMANY MOLECULAR DIAGNOSTICS MARKET

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

IX. ITALY MOLECULAR DIAGNOSTICS MARKET

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

X. SPAIN MOLECULAR DIAGNOSTICS MARKET

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

XI. U.K. MOLECULAR DIAGNOSTICS MARKET

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

XII. COMPETITIVE ASSESSMENTS

Abbott
Affymetrix
Agilent Technologies
Applied Gene Technologies
Arca Biopharma
Beckman Coulter/Danaher
Becton Dickinson
Biokit
bioMerieux
Bio-Rad
Biotest
Cepheid
CellMark Forensics/LabCorp
Decode Genetics
Diadexus

Eiken
Elitech Group
Enzo
Exact Sciences
Fujirebio
Grifols
Hologic/Gen-Probe
Illumina
Kreatech/Leica
Li-Cor Biosciences
Monogram Biosciences/LabCorp
Myriad Genetics
Ortho-Clinical Diagnostics
Perkin Elmer/Caliper
Proteome Sciences
Qiagen
Roche
Scienion
Sequenom
Shimadzu
Siemens
Sierra Molecular
Takara Bio
Tecan Group
Thermo Fisher

XIII. APPENDIX: MAJOR UNIVERSITIES AND RESEARCH CENTERS DEVELOPING MOLECULAR DIAGNOSTIC TECHNOLOGIES

List Of Tables

LIST OF TABLES

Major Companies Developing or Marketing AIDS Molecular Diagnostic and Other Direct Identification Tests

Major Companies Developing or Marketing Adenovirus Molecular Diagnostic and Other Direct Identification Tests

Major Companies Developing or Marketing Bartonella Molecular Diagnostic and Other Direct Identification Tests

Major Companies Developing or Marketing Campylobacter Molecular Diagnostic and Other Direct Identification Tests

Major Companies Developing or Marketing Candida Molecular Diagnostic and Other Direct Identification Tests

Major Companies Developing or Marketing Chlamydia Molecular Diagnostic and Other Direct Identification Tests

Major Companies Developing or Marketing Clostridium Molecular Diagnostic and Other Direct Identification Tests

Major Companies Developing or Marketing Coronavirus Molecular Diagnostic and Other Direct Identification Tests

Major Companies Developing or Marketing Cryptosporidium Molecular Diagnostic and Other Direct Identification Tests

Major Companies Developing or Marketing CMV Molecular Diagnostic and Other Direct Identification Tests

Major Companies Developing or Marketing Echovirus Molecular Diagnostic and Other Direct Identification Tests

Major Companies Developing or Marketing Enterovirus Molecular Diagnostic and Other Direct Identification Tests

Major Companies Developing or Marketing EBV Molecular Diagnostic and Other Direct Identification Tests

Major Companies Developing or Marketing Giardia Molecular Diagnostic and Other Direct Identification Tests

Major Companies Developing or Marketing Gonorrhoea Molecular Diagnostic and Other Direct Identification Tests

Major Companies Developing or Marketing Hantavirus Molecular Diagnostic and Other Direct Identification Tests

Major Companies Developing or Marketing Helicobacter Molecular Diagnostic and Other Direct Identification Tests

Major Companies Developing or Marketing Hepatitis Molecular Diagnostic and Other

Direct Identification Tests

Major Companies Developing or Marketing Herpes Molecular Diagnostic and Other Direct Identification Tests

Major Companies Developing or Marketing Influenza Molecular Diagnostic and Other Direct Identification Tests

Major Companies Developing or Marketing Legionella Molecular Diagnostic and Other Direct Identification Tests

Major Companies Developing or Marketing Lyme Disease Molecular Diagnostic and Other Direct Identification Tests

Major Companies Developing or Marketing Measles Molecular Diagnostic and Other Direct Identification Tests

Major Companies Developing or Marketing Meningitis Molecular Diagnostic and Other Direct Identification Tests

Major Companies Developing or Marketing Mononucleosis Molecular Diagnostic and Other Direct Identification Tests

Major Companies Developing or Marketing Mumps Molecular Diagnostic and Other Direct Identification Tests

Major Companies Developing or Marketing Mycoplasma Molecular Diagnostic and Other Direct Identification Tests

Major Companies Developing or Marketing Pneumonia Molecular Diagnostic and Other Direct Identification Tests

Major Companies Developing or Marketing RSV Molecular Diagnostic and Other Direct Identification Tests

Major Companies Developing or Marketing Rotavirus Molecular Diagnostic and Other Direct Identification Tests

Major Companies Developing or Marketing Rubella Molecular Diagnostic and Other Direct Identification Tests

Major Companies Developing or Marketing Salmonella Molecular Diagnostic and Other Direct Identification Tests

Major Companies Developing or Marketing Septicemia Molecular Diagnostic and Other Direct Identification Tests

Major Companies Developing or Marketing Shigella Molecular Diagnostic and Other Direct Identification Tests

Major Companies Developing or Marketing Streptococci Molecular Diagnostic and Other Direct Identification Tests

Major Companies Developing or Marketing Syphilis Molecular Diagnostic and Other Direct Identification Tests

Major Companies Developing or Marketing Toxoplasmosis Molecular Diagnostic and Other Direct Identification Tests

Major Companies Developing or Marketing Trichomonas Molecular Diagnostic and Other Direct Identification Tests

Major Companies Developing or Marketing Tuberculosis Molecular Diagnostic and Other Direct Identification Tests

France Molecular Diagnostics Test Volume And Sales By Major Application 2014-2019

France Laboratories Performing DNA Sequencing By Market Segment 2014

France Molecular Diagnostics Market Potential Laboratory Universe by Market Segment 2014

France Molecular Diagnostics Test Volume By Major Application 2014-2019

France Major Infectious Disease Test Volume by Assay 2014-2019

France Major Infectious Disease Test Volume by Method 2014

France Molecular Diagnostics Market By Major Application 2014-2019

France Molecular Diagnostics Market Estimated Sales And Market Shares of Major Suppliers 2014

France Major Infectious Disease Diagnostics Market by Assay 2014-2019

France AIDS Testing Market Estimated Sales by Major Supplier 2014

France Adenovirus Testing Market Estimated Sales by Major Supplier 2014

France Chlamydia Testing Market Estimated Sales by Major Supplier 2014

France CMV Testing Market Estimated Sales by Major Supplier 2014

France Gonorrhoea Testing Market Estimated Sales by Major Supplier 2014

France Hepatitis Testing Market Estimated Sales by Major Supplier 2014

France Hepatitis C Testing Market Estimated Sales by Major Supplier 2014

France HIV/Hepatitis Blood Screening NAT Market Reagent Sales by Major Supplier 2014

France Herpes Testing Market Estimated Sales by Major Supplier 2014

France Influenza Testing Market Estimated Sales by Major Supplier 2014

France Meningitis Testing Market Estimated Sales by Major Supplier 2014

France Mycoplasma Testing Market Estimated Sales by Major Supplier 2014

France RSV Testing Market Estimated Sales by Major Supplier 2014

France Shigella Testing Market Estimated Sales by Major Supplier 2014

Germany Molecular Diagnostics Test Volume And Sales By Major Application 2014-2019

Germany Laboratories Performing DNA Sequencing By Market Segment 2014

Germany Molecular Diagnostics Market Potential Laboratory Universe by Market Segment 2014

Germany Molecular Diagnostics Test Volume By Major Application 2014-2019

Germany Major Infectious Disease Test Volume by Assay 2014-2019

Germany Major Infectious Disease Test Volume by Method 2014

Germany Molecular Diagnostics Market By Major Application 2014-2019

Germany Molecular Diagnostics Market Estimated Sales And Market Shares of Major Suppliers 2014

Germany Major Infectious Disease Diagnostics Market by Assay 2014-2019

Germany AIDS Testing Market Estimated Sales by Major Supplier 2014

Germany CMV Testing Market Estimated Sales by Major Supplier 2014

Germany EBV Testing Market Estimated Sales by Major Supplier 2014

Germany Gonorrhoea Testing Market Estimated Sales by Major Supplier 2014

Germany Hepatitis Testing Market Estimated Sales by Major Supplier 2014

Germany Hepatitis C Testing Market Estimated Sales by Major Supplier 2014

Germany HIV/Hepatitis Blood Screening NAT Market Reagent Sales by Major Supplier 2014

Germany Herpes Testing Market Estimated Sales by Major Supplier 2014

Germany Influenza Testing Market Estimated Sales by Major Supplier 2014

Germany Meningitis Testing Market Estimated Sales by Major Supplier 2014

Germany Mycoplasma Testing Market Estimated Sales by Major Supplier 2014

Germany Pneumonia Testing Market Estimated Sales by Major Supplier 2014

Germany RSV Testing Market Estimated Sales by Major Supplier 2014

Germany Rotavirus Testing Market Estimated Sales by Major Supplier 2014

Italy Molecular Diagnostics Test Volume And Sales By Major Application 2014-2019

Italy Laboratories Performing DNA Sequencing By Market Segment 2014

Italy Molecular Diagnostics Market Potential Laboratory Universe by Market Segment 2014

Italy Molecular Diagnostics Test Volume By Major Application 2014-2019

Italy Major Infectious Disease Test Volume by Assay 2014-2019

Italy Major Infectious Disease Test Volume by Method 2014

Italy Molecular Diagnostics Market By Major Application 2014-2019

Italy Molecular Diagnostics Market Estimated Sales And Market Shares of Major Suppliers 2014

Italy Major Infectious Disease Diagnostics Market by Assay 2014-2019

Italy AIDS Testing Market Estimated Sales by Major Supplier 2014

Italy CMV Testing Market Estimated Sales by Major Supplier 2014

Italy Gonorrhoea Testing Market Estimated Sales by Major Supplier 2014

Italy Hepatitis Testing Market Estimated Sales by Major Supplier 2014

Italy Hepatitis C Testing Market Estimated Sales by Major Supplier 2014

Italy HIV/Hepatitis Blood Screening NAT Market Reagent Sales by Major Supplier 2014

Italy Herpes Testing Market Estimated Sales by Major Supplier 2014

Italy Influenza Testing Market Estimated Sales by Major Supplier 2014

Italy Meningitis Testing Market Estimated Sales by Major Supplier 2014

Italy Mycoplasma Testing Market Estimated Sales by Major Supplier 2014

Italy RSV Testing Market Estimated Sales by Major Supplier 2014
Spain Molecular Diagnostics Test Volume And Sales By Major Application 2014-2019
Spain Laboratories Performing DNA Sequencing By Market Segment 2014
Spain Molecular Diagnostics Market Potential Laboratory Universe by Market Segment 2014
Spain Molecular Diagnostics Test Volume By Major Application 2014-2019
Spain Major Infectious Disease Test Volume by Assay 2014-2019
Spain Major Infectious Disease Test Volume by Method 2014
Spain Molecular Diagnostics Market By Major Application 2014-2019
Spain Molecular Diagnostics Market Estimated Sales And Market Shares of Major Suppliers 2014
Spain Major Infectious Disease Diagnostics Market by Assay 2014-2019
Spain AIDS Testing Market Estimated Sales by Major Supplier 2014
Spain Chlamydia Testing Market Estimated Sales by Major Supplier 2014
Spain CMV Testing Market Estimated Sales by Major Supplier 2014
Spain Gonorrhoea Testing Market Estimated Sales by Major Supplier 2014
Spain Hepatitis Testing Market Estimated Sales by Major Supplier 2014
Spain Hepatitis C Testing Market Estimated Sales by Major Supplier 2014
Spain HIV/Hepatitis Blood Screening NAT Market Reagent Sales by Major Supplier 2014
Spain Herpes Testing Market Estimated Sales by Major Supplier 2014
Spain Influenza Testing Market Estimated Sales by Major Supplier 2014
Spain Meningitis Testing Market Estimated Sales by Major Supplier 2014
Spain Mycoplasma Testing Market Estimated Sales by Major Supplier 2014
U.K. Molecular Diagnostics Test Volume And Sales By Major Application 2014-2019
U.K. Laboratories Performing DNA Sequencing By Market Segment 2014
U.K. Molecular Diagnostics Market Potential Laboratory Universe by Market Segment 2014
U.K. Molecular Diagnostics Test Volume By Major Application 2014-2019
U.K. Major Infectious Disease Test Volume by Assay 2014-2019
U.K. Major Infectious Disease Test Volume by Method 2014
U.K. Molecular Diagnostics Market By Major Application 2014-2019
U.K. Molecular Diagnostics Market Estimated Sales And Market Shares of Major Suppliers 2014
U.K. Major Infectious Disease Diagnostics Market by Assay 2014-2019
U.K. AIDS Testing Market Estimated Sales by Major Supplier 2014
U.K. Gonorrhoea Testing Market Estimated Sales by Major Supplier 2014
U.K. Hepatitis Testing Market Estimated Sales by Major Supplier 2014
U.K. Hepatitis C Testing Market Estimated Sales by Major Supplier 2014

U.K. HIV/Hepatitis Blood Screening NAT Market Reagent Sales by Major Supplier 2014
U.K. Influenza Testing Market Estimated Sales by Major Supplier 2014
U.K. Mycoplasma Testing Market Estimated Sales by Major Supplier 2014
U.K. Pneumonia Testing Market Estimated Sales by Major Supplier 2014
U.K. Shigella Testing Market Estimated Sales by Major Supplier 2014

I would like to order

Product name: 2016 European Infectious Disease Molecular Diagnostics Market: Country Forecasts, Supplier Shares, Emerging Technologies, Competitive Landscape

Product link: <https://marketpublishers.com/r/207F1A1EF38EN.html>

Price: US\$ 9,440.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/207F1A1EF38EN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:
Last name:
Email:
Company:
Address:
City:
Zip code:
Country:
Tel:
Fax:
Your message:

****All fields are required**

Customer signature _____

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below and fax the completed form to +44 20 7900 3970

