

2019-2023 Competing in the Europe Molecular Diagnostics Market: France, Germany, Italy, Spain, UKSupplier Shares and Sales Segment Forecasts by Test, Competitive Intelligence, Emerging Technologies, Instrumentation and Opportunities

https://marketpublishers.com/r/20FAA85CD45EN.html

Date: March 2019

Pages: 1273

Price: US\$ 17,500.00 (Single User License)

ID: 20FAA85CD45EN

Abstracts

This new 1273-page comprehensive five-country report from VPGMarketResearch is designed to help current suppliers and potential market entrants identify and evaluate the major business opportunities emerging in the European molecular diagnostics market during the next five years. The report explores business and technological trends in major European countries (France, Germany, Italy, Spain, UK); provides 5-year test volume/sales forecasts; estimates shares of leading competitors; compares features of major analyzers; profiles leading market players; and identifies specific product and business opportunities facing instrument and consumable suppliers during the next five years.

The \$4.5 billion molecular diagnostics market is unquestionably the most rapidly growing segment 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 and cost-effective automated systems with amplification methods.

In order to successfully capitalize on the opportunities presented by the molecular diagnostics market, many companies are already exploiting new 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 diagnostics companies during the next five years.



Contains 1273 pages and 139 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

- 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
 - 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 QIAsymphony RGQ
 - 17. Roche Cobas Amplicor
 - 18. Roche Cobas TaqMan 48
 - 19. Roche Cobas TaqMan
 - 20. Roche Cobas TagMan 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
 - 1. 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-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

2. Cancer Testing

a. Overview

b. Major Cancer Types

Prostate

Lung

Colon and Rectum

Breast

Skin

Uterine



Leukemia

Oral

c. Oncogenes

Abl/abl-bcr

AIB1

BCL-2

BRCA1

CD44

C-fos

C-myb

C-myc

CYP17

Erb-B

HPC1

N-myc

P40

P51

P53

PIK3CA

PTI-1

Ras

Reg

Sis

Src

- 3. Genetic Diseases
 - a. Overview
 - b. Nucleic Acid Amplification
 - c. Chromosome Imaging
 - d. Genomics Technologies
 - e. Proteomics Technologies
 - f. Current Pharmacogenomic Tests
 - g. Future Pharmacogenomic Testing
 - h. Major Diseases

Achondroplasia

Autosomal Dominant Polycystic Kidney Disease

Cancer

Cosmetogenomics

Cystic Fibrosis

Down's Syndrome



Duchenne and Becker Muscular Dystrophy

Factor V (Leiden)

Factor IX Deficiency

Fragile X Syndrome

Heart Disease

Hemochomatosis

Hemophilia

Huntington's Disease

Maternal-Fetal Incompatibility

Multiple Endocrine Neoplasia

Phenylketonuria (PKU)

Polycystic Kidney Disease (PKD)

Prenatal Screening

Retinitis Pigmentosa

Retinoblastoma

Sickle Cell Anemia

Spinal Muscular Atrophy

Vitamin B12 Metabolism

- i. Social Issues and Concerns
- 4. Forensic Testing
 - a. Overview
 - b. Multilocus and Single Locus Probes

Multilocus Probes

Single Locus Probes

PCR and RFLP

- c. The FBI
- d. DNA Profile Data Banks

U.S.A.

U.K.

- e. Judicial Implementation
- f. Major Crime Categories
- g. Factors Contributing to the DNA Probe Market Expansion

Technology Availability

Use of Hair as Evidence

- h. Wildlife Forensics
- 5. Paternity Testing/HLA Typing
- 6. Other Applications
 - a. Disease Susceptibility Testing
 - b. Cardiovascular Diseases



- c. Diabetes
- d. Alzheimer's Disease
- e. Periodontal Disease
- f. Plasma Purification
- g. Organ Transplantation
- h. Water Contamination
- i. Ot

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

Decode Ochellos
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 Gonorrhea 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

Oncogenes Potential Application in Cancer Diagnosis

Major Companies Developing or Marketing Cancer Molecular Diagnostic Tests Major Companies Developing or Marketing Molecular Diagnostic Tests For Genetic

Diseases

France

Molecular Diagnostics Test Volume And Sales By Major Application

France

Laboratories Performing DNA Sequencing By Market Segment

France

Molecular Diagnostics Market Potential Laboratory Universe by Market Segment

France Molecular Diagnostics Test Volume By Major Application

France Major Infectious Disease Test Volume by Assay

France Major Infectious Disease Test Volume by Method

France Molecular Diagnostics Market By Major Application

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

France Major Infectious Disease Diagnostics Market by Assay

France

AIDS Testing Market Estimated Sales by Major Supplier

France

Adenovirus Testing Market Estimated Sales by Major Supplier

France

Chlamydia Testing Market Estimated Sales by Major Supplier

France

CMV Testing Market Estimated Sales by Major Supplier

France

Gonorrhea Testing Market Estimated Sales by Major Supplier

France

Hepatitis Testing Market Estimated Sales by Major Supplier

France

Hepatitis C Testing Market Estimated Sales by Major Supplier

France

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

France

Herpes Testing Market Estimated Sales by Major Supplier



France

Influenza Testing Market Estimated Sales by Major Supplier

France

Meningitis Testing Market Estimated Sales by Major Supplier

France

Mycoplasma Testing Market Estimated Sales by Major Supplier

France

RSV Testing Market Estimated Sales by Major Supplier

France

Shigella Testing Market Estimated Sales by Major Supplier

Germany

Molecular Diagnostics Test Volume And Sales By Major Application

Germany

Laboratories Performing DNA Sequencing By Market Segment

Germany

Molecular Diagnostics Market Potential Laboratory Universe by Market Segment

Germany Molecular Diagnostics Test Volume By Major Application

Germany Major Infectious Disease Test Volume by Assay

Germany Major Infectious Disease Test Volume by Method

Germany Molecular Diagnostics Market By Major Application

Germany Molecular Diagnostics Market Estimated Sales And Market Shares of Major

Suppliers

Germany Major Infectious Disease Diagnostics Market by Assay

Germany

AIDS Testing Market Estimated Sales by Major Supplier

Germany

CMV Testing Market Estimated Sales by Major Supplier

Germany

EBV Testing Market Estimated Sales by Major Supplier

Germany

Gonorrhea Testing Market Estimated Sales by Major Supplier

Germany

Hepatitis Testing Market Estimated Sales by Major Supplier

Germany

Hepatitis C Testing Market Estimated Sales by Major Supplier

Germany

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

Germany

Herpes Testing Market Estimated Sales by Major Supplier



Germany

Influenza Testing Market Estimated Sales by Major Supplier

Germany

Meningitis Testing Market Estimated Sales by Major Supplier

Germany

Mycoplasma Testing Market Estimated Sales by Major Supplier

Germany

Pneumonia Testing Market Estimated Sales by Major Supplier

Germany

RSV Testing Market Estimated Sales by Major Supplier

Germany

Rotavirus Testing Market Estimated Sales by Major Supplier

ltaly

Molecular Diagnostics Test Volume And Sales By Major Application

Italy

Laboratories Performing DNA Sequencing By Market Segment

Italy

Molecular Diagnostics Market Potential Laboratory Universe by Market Segment

Italy Molecular Diagnostics Test Volume By Major Application

Italy Major Infectious Disease Test Volume by Assay

Italy Major Infectious Disease Test Volume by Method

Italy Molecular Diagnostics Market By Major Application

Italy Molecular Diagnostics Market Estimated Sales And Market Shares of Major

Suppliers

Italy Major Infectious Disease Diagnostics Market by Assay

Italy

AIDS Testing Market Estimated Sales by Major Supplier

Italv

CMV Testing Market Estimated Sales by Major Supplier

Italy

Gonorrhea Testing Market Estimated Sales by Major Supplier

Italy

Hepatitis Testing Market Estimated Sales by Major Supplier

Italv

Hepatitis C Testing Market Estimated Sales by Major Supplier

Italy

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

Italy

Herpes Testing Market Estimated Sales by Major Supplier



Italy

Influenza Testing Market Estimated Sales by Major Supplier

Italy

Meningitis Testing Market Estimated Sales by Major Supplier

Italy

Mycoplasma Testing Market Estimated Sales by Major Supplier

Italy

RSV Testing Market Estimated Sales by Major Supplier

Spain

Molecular Diagnostics Test Volume And Sales By Major Application

Spain

Laboratories Performing DNA Sequencing By Market Segment

Spain

Molecular Diagnostics Market Potential Laboratory Universe by Market Segment

Spain Molecular Diagnostics Test Volume By Major Application

Spain Major Infectious Disease Test Volume by Assay

Spain Major Infectious Disease Test Volume by Method

Spain Molecular Diagnostics Market By Major Application

Spain Molecular Diagnostics Market Estimated Sales And Market Shares of Major

Suppliers

Spain Major Infectious Disease Diagnostics Market by Assay

Spain

AIDS Testing Market Estimated Sales by Major Supplier

Spain

Chlamydia Testing Market Estimated Sales by Major Supplier

Spain

CMV Testing Market Estimated Sales by Major Supplier

Spain

Gonorrhea Testing Market Estimated Sales by Major Supplier

Spain

Hepatitis Testing Market Estimated Sales by Major Supplier

Spain

Hepatitis C Testing Market Estimated Sales by Major Supplier

Spain

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

Spain

Herpes Testing Market Estimated Sales by Major Supplier

Spain

Influenza Testing Market Estimated Sales by Major Supplier



Spain

Meningitis Testing Market Estimated Sales by Major Supplier Spain

Mycoplasma Testing Market Estimated Sales by Major Supplier

U.K.

Molecular Diagnostics Test Volume And Sales By Major Application

U.K.

Laboratories Performing DNA Sequencing By Market Segment

U.K.

Molecular Diagnostics Market Potential Laboratory Universe by Market Segment

U.K. Molecular Diagnostics Test Volume By Major Application

U.K. Major Infectious Disease Test Volume by Assay

U.K. Major Infectious Disease Test Volume by Method

U.K. Molecular Diagnostics Market By Major Application

U.K. Molecular Diagnostics Market Estimated Sales And Market Shares of Major Suppliers

U.K. Major Infectious Disease Diagnostics Market by Assay

U.K.

AIDS Testing Market Estimated Sales by Major Supplier

U.K.

Gonorrhea Testing Market Estimated Sales by Major Supplier

U.K.

Hepatitis Testing Market Estimated Sales by Major Supplier

U.K.

Hepatitis C Testing Market Estimated Sales by Major Supplier

U.K.

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

U.K.

Influenza Testing Market Estimated Sales by Major Supplier

U.K.

Mycoplasma Testing Market Estimated Sales by Major Supplier

U.K.

Pneumonia Testing Market Estimated Sales by Major Supplier

U.K.

Shigella Testing Market Estimated Sales by Major Supplier



I would like to order

Product name: 2019-2023 Competing in the Europe Molecular Diagnostics Market: France, Germany,

Italy, Spain, UK-Supplier Shares and Sales Segment Forecasts by Test, Competitive

Intelligence, Emerging Technologies, Instrumentation and Opportunities

Product link: https://marketpublishers.com/r/20FAA85CD45EN.html

Price: US\$ 17,500.00 (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/20FAA85CD45EN.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
	Custumer 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