

2024 Europe Molecular Diagnostic Analyzers and Reagent Market Shares and Forecasts for 100 Tests: France, Germany, Italy, Spain, UK-Infectious and Genetic Diseases, Cancer, Forensic and Paternity Testing-Supplier Strategies, Emerging Technologies, Latest Instrumentation, Growth Opportunities

<https://marketpublishers.com/r/EEB5AE0106D1EN.html>

Date: May 2020

Pages: 1273

Price: US\$ 18,500.00 (Single User License)

ID: EEB5AE0106D1EN

Abstracts

This new 1,273-page comprehensive five-country report from LeadingMarketResearch.com 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 is available by section, and can be customized to specific information needs and budget. 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 1,273 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 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
 2. Non-Isotopic Methods
- D. Instrumentation
- Review of latest analyzers from Abbott, Beckman Coulter/Danaher, Becton Dickinson, bioMerieux, Bio-Rad, Cepheid, Hologic, Qiagen, Roche, Siemens Healthineers, and others.
- E. Biochips: Genosensors, Microarrays, and Labs-on-the-Chip
- 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, AntiHBc, 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

Yersinia

2. Cancer Testing

a. Overview

b. Major Cancer Types

Prostate

Lung

Colon and Rectum

Breast

Skin

Uterine

Leukemia

Oral

c. Oncogenes

The report provides review of both current and emerging oncogenes, including:

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

Hemochromatosis

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 and other

- i. Social Issues and Concerns

4. Forensic Testing

- a. Overview
- b. Multilocus and Single Locus Probes
- c. The FBI
- d. DNA Profile Data Banks
- e. Judicial Implementation
- f. Major Crime Categories
- g. Factors Contributing to the DNA Probe

Market Expansion

- 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. Other

H. Competing/Complementing Technologies

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

VII. WORLDWIDE MARKET OVERVIEW

- 1. Business Environment
- 2. Market Structure
- 3. Market Size and Growth

VIII. 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

IX. 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

X. 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

XI. 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

XII. 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

XIII. COMPETITIVE ASSESSMENTS

The report provides strategic assessments of over 40 leading molecular diagnostic market players and start-up companies with innovative technologies and products, including: Abbott, Agilent Technologies, Beckman Coulter/Danaher, Becton Dickinson, bioMerieux, Bio-Rad, Cepheid, DiaSorin, Eiken Chemical, Enzo, Fujirebio, Grifols, Hologic, Illumina, LabCorp/Sequenom, Leica Biosystems, Myriad Genetics, Ortho-Clinical Diagnostics, Qiagen, Quest Diagnostics, Quidel, Roche, Shimadzu, Siemens Healthineers, Sierra Molecular, Takara Bio, Tecan Group, Thermo Fisher, Wako and others.

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

Gonorrhoea 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

Italy

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
Italy

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
Italy

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.

Gonorrhoea 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: 2024 Europe Molecular Diagnostic Analyzers and Reagent Market Shares and Forecasts for 100 Tests: France, Germany, Italy, Spain, UK-Infectious and Genetic Diseases, Cancer, Forensic and Paternity Testing-Supplier Strategies, Emerging Technologies, Latest Instrumentation, Growth Opportunities

Product link: <https://marketpublishers.com/r/EEB5AE0106D1EN.html>

Price: US\$ 18,500.00 (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/EEB5AE0106D1EN.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