

# 2017 Europe Genetic Diseases, Cancer, Forensic and Paternity Molecular Diagnostic Testing: Country Segment Forecasts, Emerging Technologies, Competitive Strategies

<https://marketpublishers.com/r/E277BF34868EN.html>

Date: March 2017

Pages: 495

Price: US\$ 4,365.00 (Single User License)

ID: E277BF34868EN

## Abstracts

Complete report \$4,850. DataPack (test volumes, sales forecasts, supplier shares) \$2,850.

The report is available by country, section, market segment, and can be custom-tailored to your specific information needs and budget.

This new five-country study from VPGMarketResearch contains 495 pages, 28 tables, and is designed to help current suppliers and potential market entrants identify and evaluate emerging opportunities for molecular diagnostic technologies and products in testing for genetic diseases, cancer, as well as forensic and paternity/HLA typing applications during the next five years.

### Report Highlights

Market shares of leading suppliers

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

Genetic Diseases, Cancer, Forensic and Paternity molecular diagnostic testing markets are among 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 these markets, 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 by

country and market segment.

Five-year test volume and sales projections by country.

## Market Segmentation Analysis

Five-year test volume and sales projections:

Infectious Diseases

Forensic Testing-Cancer

Paternity Testing/HLA Typing

Genetic Diseases

Others

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 the major 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

CellMark Forensics/LabCorp

Cepheid

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 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 495 pages and 28 tables

## Contents

### INTRODUCTION

### GLOBAL MARKET TRENDS AND EMERGING TECHNOLOGIES

- A. DNA Sequencing
- B. DNA and RNA Probe Technology
- C. Detection Technologies
- D. Instrumentation: Review of Automated and Semi-Automated Analyzers
- E. Biochips: Genosensors, Microarrays, Labs-on-the-Chip
- F. Pharmacogenomics
- G. Cancer Molecular Diagnostics Testing
  - 1. Overview
  - 2. Major Cancer Types
  - 3. Oncogenes
- H. Genetic Diseases Molecular Diagnostic Testing
  - 1. Overview
  - 2. Nucleic Acid Amplification
  - 3. Chromosome Imaging
  - 4. Genomics Technologies
  - 5. Proteomics Technologies
  - 6. Current Pharmacogenomic Testing
  - 7. Major Diseases
- I. Forensic Molecular Diagnostics Testing
  - 1. Overview
  - 2. Multilocus and Single Locus Probes
  - 3. The FBI
  - 4. DNA Profile Data Banks
  - 5. Judicial Implementation
  - 6. Major Crime Categories
  - 7. Factors Contributing to the DNA Probe Major Expansion
- J. Paternity Testing/HLA Typing Molecular Diagnostic Testing
- K. Other Molecular Diagnostic Testing Applications
- L. Competing/Complementing Technologies

### FRANCE

- A. Executive Summary

- B. Business Environment
- C. Market Structure
- D. Market Dynamics, Trends, Size and Growth
  - Volume Forecasts by Market Segment
  - Sales Forecasts by Market Segment
  - Major Supplier Sales and Market Shares

## **GERMANY**

- A. Executive Summary
- B. Business Environment
- C. Market Structure
- D. Market Dynamics, Trends, Size and Growth
  - Volume Forecasts by Market Segment
  - Sales Forecasts by Market Segment
  - Major Supplier Sales and Market Shares

## **ITALY**

- A. Executive Summary
- B. Business Environment
- C. Market Structure
- D. Market Dynamics, Trends, Size and Growth
  - Volume Forecasts by Market Segment
  - Sales Forecasts by Market Segment
  - Major Supplier Sales and Market Shares

## **SPAIN**

- A. Executive Summary
- B. Business Environment
- C. Market Structure
- D. Market Dynamics, Trends, Size and Growth
  - Volume Forecasts by Market Segment
  - Sales Forecasts by Market Segment
  - Major Supplier Sales and Market Shares

## **U.K.**



- A. Executive Summary
- B. Business Environment
- C. Market Structure
- D. Market Dynamics, Trends, Size and Growth
  - Volume Forecasts by Market Segment
  - Sales Forecasts by Market Segment
  - Major Supplier Sales and Market Shares

## **MAJOR PRODUCT DEVELOPMENT OPPORTUNITIES**

- A. Opportunities for New Instrumentation
- B. Opportunities for New Reagent Kits and Test Systems/Panels
- C. Opportunities for New IT, Computers, Software and Automation
- D. Opportunities for New Auxiliary Products

## **DESIGN CRITERIA FOR DECENTRALIZED TESTING PRODUCTS**

## **ALTERNATIVE MARKET PENETRATION STRATEGIES**

## **POTENTIAL MARKET ENTRY BARRIERS AND RISKS**

## **COMPETITIVE PROFILES**

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

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

## **APPENDIXES**

## List Of Tables

### LIST OF TABLES

Oncogenes Potential Applications in Cancer Diagnosis  
Major Companies Developing or Marketing Cancer Molecular Diagnostic Tests  
Major Companies Developing or Marketing Molecular Diagnostic Tests For Genetic Diseases  
France, Laboratories Performing DNA Sequencing By Market Segment  
France, Molecular Diagnostics Market Potential Laboratory Universe by Market Segment  
France, Molecular Diagnostic Test Volume Forecast By Major Application  
France, Molecular Diagnostics Market Forecast By Major Application  
France, Molecular Diagnostics Market By Major Supplier  
Germany, Laboratories Performing DNA Sequencing by Market Segment  
Germany, Molecular Diagnostics Market Potential Laboratory Universe by Market Segment  
Germany, Molecular Diagnostic Test Volume Forecast By Major Application  
Germany, Molecular Diagnostic Market Forecast By Major Application  
Germany, Molecular Diagnostics Market by Major Supplier  
Italy, Laboratories Performing DNA Sequencing by Market Segment  
Italy, Molecular Diagnostics Market Potential Laboratory Universe by Market Segment  
Italy, Molecular Diagnostic Test Volume Forecast By Major Application  
Italy, Molecular Diagnostic Market Forecast By Major Application  
Italy, Molecular Diagnostics Market By Major Supplier  
Spain, Laboratories Performing DNA Sequencing by Market Segment  
Spain, Molecular Diagnostics Market, Potential Laboratory Universe by Market Segment  
Spain, Molecular Diagnostic Test Volume Forecast By Major Application  
Spain, Molecular Diagnostic Market Forecast By Major Application  
Spain, Molecular Diagnostics Market By Major Supplier  
U.K., Laboratories Performing DNA Sequencing by Market Segment  
U.K., Molecular Diagnostics Market Potential Laboratory Universe by Market Segment  
U.K., Molecular Diagnostic Test Volume Forecast By Major Application  
U.K., Molecular Diagnostic Market Forecast By Major Application  
U.K., Molecular Diagnostics Market by Major Supplier

## I would like to order

Product name: 2017 Europe Genetic Diseases, Cancer, Forensic and Paternity Molecular Diagnostic Testing: Country Segment Forecasts, Emerging Technologies, Competitive Strategies

Product link: <https://marketpublishers.com/r/E277BF34868EN.html>

Price: US\$ 4,365.00 (Single User License / Electronic Delivery)

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

[info@marketpublishers.com](mailto:info@marketpublishers.com)

## Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/E277BF34868EN.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

