

# **2024 Global Molecular Diagnostics Market: Unmet Needs, Supplier Shares and Strategies, Segment Volume and Sales Forecasts for 100 Tests, Emerging Technologies and Trends, Instrumentation Pipeline, Growth Opportunities**

<https://marketpublishers.com/r/227605E485A1EN.html>

Date: August 2024

Pages: 0

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

ID: 227605E485A1EN

## **Abstracts**

This new seven-country study from LeadingMarketResearch.com contains 1,398 pages, 194 tables, and is designed to help current suppliers and potential market entrants identify and evaluate major business opportunities emerging in the molecular diagnostics market during the next five years. The report is available by section, and can be customized to specific information needs and budget. Highlights%li%Business and technological trends in seven major markets: France, Germany, Italy, Japan, Spain, UK, and US%li%Five-year test volume and sales forecasts%li%Market shares of leading competitors%li%Feature comparison of major analyzers%li%Profiles of market players and start-up firms developing innovative technologies and products%li%Specific product and business opportunities for instrument and consumable suppliers. RationaleThe 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 cost-effective and 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 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 CoverageFrance, Germany, Italy, Japan, Spain, UK, USAWorldwide

Market Overview%li%Laboratories performing DNA sequencing and molecular diagnostic testing by country and market segment.%li%Five-year test volume and sales projections by country.Market Segmentation Analysis%li%Sales and market shares of major suppliers of molecular diagnostic reagent kits and components.%li%Five-year test volume and sales forecasts for major applications, including:%li%Infectious Diseases%li%Forensic Testing%li%Cancer%li%Paternity Testing/HLA Typing%li%Genetic Diseases%li%Others%li%Five-year test volume and sales projections for over 30 NAT assays.%li%A comprehensive analysis of the sequencing market, by country and laboratory segment, including:%li%Industrial %li%Academic%li%Government%li%Commercial%li%Detailed market segmentation analysis, including review of the market dynamics, trends, structure, size, growth and major suppliers, by country.Product/Technology Review%li%Comparison of leading molecular diagnostic analyzers from Abbott, Beckman Coulter, BD, Bio-Rad, Hologic, Roche, Tecan and other suppliers.%li%Extensive review of molecular diagnostic technologies, test formats, detection methodologies, trends in testing automation and over 30 target/signal amplification methods, including:%li%PCR%li%bDNA%li%SDA%li%NASBA%li%TMA%li%SSSR, and others%li%LCR%li%Worldwide listings of companies, universities and research centers developing new molecular diagnostic technologies and products.Competitive Assessments%li%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.%li%Comprehensive listings of companies developing and marketing molecular diagnostics products, by test and application.Opportunities and Strategic Recommendations%li%Specific new product development opportunities with potentially significant market appeal during the next five years.%li%Design criteria for new products.%li%Alternative market penetration strategies.%li%Potential market entry barriers and risks.%li%Business planning issues and concerns.MethodologyThis report is based on a combination of primary and secondary information sources, including interviews with laboratory directors and executives of leading diagnostic companies and start-up firms developing innovative technologies and products in the U.S., five major European countries and Japan. In addition to primary sources of information, a comprehensive review of the most recent technical and business publications, manufacturer product and financial literature, as well as LeadingMarketResearch.com's proprietary data base was conducted.Contains 1398 pages and 194 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
  - B. DNA and RNA Probe Technologies
  - C. Detection Technologies
  - D. Instrumentation

Review of latest analyzers from Abbott, Beckman Coulter/Danaher, Becton Dickinson, bioMerieux, Bio-Rad, Cepheid, Hologic, Qiagen, Roche, Siemens Healthineers, and other suppliers.

  - E. Biochips: Genosensors, Microarrays, Labs-on-the-Chip
    - Liquid Transportation and Mixing
    - Separation
    - Reaction
    - Detection
  - F. Pharmacogenomics
- Table of Contents (continued)
- G. Major Applications

## 1. MICROBIOLOGY/INFECTIOUS DISEASES

### a. Overview

### b. Major Infectious Diseases

- AIDS/HIV
- Adenovirus
- Aeromonads
- Anthrax/Bacillus Anthracis
- Arboviruses
- Babesiosis
- Bacillary Epithelioid Angiomatosis (BEA), 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
- Herpes Simplex Virus
- Human Herpes Virus-6 (HHV-6)

- Influenza Viruses
- Legionella
- Lyme Disease
- Lymphogranuloma Venereum (LGV)
- Malaria
- Measles (Rubeo la)
- Meningitis
- Microsporidium

## I would like to order

Product name: 2024 Global Molecular Diagnostics Market: Unmet Needs, Supplier Shares and Strategies, Segment Volume and Sales Forecasts for 100 Tests, Emerging Technologies and Trends, Instrumentation Pipeline, Growth Opportunities

Product link: <https://marketpublishers.com/r/227605E485A1EN.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](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/227605E485A1EN.html>