

# **2023-2028 Global Molecular Diagnostics Market Opportunities--US, Europe, Japan--2023 Competitor Shares and Growth Strategies, Five-Year Volume and Sales Segment Forecasts for 100 Infectious, Genetic, Cancer, Forensic and Paternity Tests--Latest Technologies and Instrumentation Pipeline, Emerging Opportunities for Suppliers**

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## **Abstracts**

This new seven-country study from LeadingMarketResearch.com 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

- Business and technological trends in seven major markets: France, Germany, Italy, Japan, Spain, UK, and US

- Five-year test volume and sales forecasts

- Market shares of leading competitors

- Feature comparison of major analyzers

- Profiles of market players and start-up firms developing innovative technologies and products

- Specific product and business opportunities for instrument and consumable suppliers. Rationale The 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 Coverage

- France

- Germany

- Italy

- Japan

- Spain

- UK

- USA

Worldwide 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

Sales and market shares of key suppliers of molecular diagnostic reagent kits and components in major markets.

Five-year test volume and sales forecasts for major applications, including:

- Infectious Diseases
- Forensic Testing
- Cancer
- Paternity Testing/HLA Typing
- Genetic Diseases
- Others

Five-year test volume and sales projections for over 30 NAT assays.

A comprehensive analysis of the sequencing market, by country and laboratory segment, including:

- Industrial
- Academic
- Government
- Commercial

Market segmentation analysis, including review of the market dynamics, trends, structure, size, growth and suppliers in major countries.

## Product/Technology Review

Comparison of leading molecular diagnostic analyzers marketed by Abbott, Beckman Coulter, BD, Bio-Rad, Gen-Probe, Roche, Tecan and other suppliers.

Extensive review of molecular diagnostic technologies, test formats, detection methodologies, trends in testing automation and over 30 target/signal amplification methods.

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.

Companies developing and marketing molecular diagnostics products, by test and application.

## Opportunities and Strategic Recommendations

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

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## 1. MICROBIOLOGY/INFECTIOUS DISEASES

### a. Overview

### b. Major Infectious Diseases

- AIDS/HIV
- Adenovirus
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- Anthrax/Bacillus Anthracis
- Arboviruses
- Babesiosis
- Bacillary Epithelioid Angiomatosis (BEA), other Bartonella (Rochalimaea)
- Blastocystis Hominis
- Brucella
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- Chancroid
- Chlamydia
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- Oral

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- BCL-2
- BRCA1
- CD44

- C-fos
- C-myb
- C-myc
- CYP17
- Erb-B
- HPC1
- N-myc
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- PIK3CA
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- Ras
- Reg
- Sis
- Src

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  - Heart Disease
  - Hemochromatosis
  - Hemophilia
  - Huntington's Disease
  - Maternal-Fetal Incompatibility
  - Multiple Endocrine Neoplasia
  - Phenylketonuria (PKU)
  - Polycystic Kidney Disease (PKD)
  - Prenatal Screening
  - Retinitis Pigmentosa
  - Retinoblastoma



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