

# 2024 Saudi Arabia Molecular Diagnostic Analyzers and Reagent Market Shares and Forecasts for 100 Tests: Infectious and Genetic Diseases, Cancer, Forensic and Paternity Testing-Supplier Strategies, Emerging Technologies, Latest Instrumentation, Growth Opportunities

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# **Abstracts**

This new report from LeadingMarketResearch.com is designed to help current suppliers and potential market entrants identify and evaluate emerging opportunities 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

Five-year test volume and sales forecasts

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.

Market Segmentation Analysis

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.

#### Product/Technology Review

Comparison of leading molecular diagnostic analyzers.

Review of molecular diagnostic technologies, test formats, detection methodologies, trends in testing automation and over 30 target/signal



| amplification methods, including: PCR  |                            |  |  |
|--|----------------------------|--|--|
| bDNA   |                            |  |  |
| SDA  |                            |  |  |
| NASBA  |                            |  |  |
| TMA  |                            |  |  |
| SSSR, and others   |                            |  |  |
| LCR  |                            |  |  |
| Companies, universities and research centers devided diagnostic technologies and products.   | eloping new molecular-     |  |  |
| Competitive Assessments  |                            |  |  |
| Strategic profiles of major suppliers and emerging market product portfolios, marketing tactics, collaborative arrange technologies/products in R&D. | _                          |  |  |
| Opportunities and Strategic Recommendations  |                            |  |  |
| New product development opportunities with pote appeal during the next five years.   | ntially significant market |  |  |
| Alternative market penetration strategies.   |                            |  |  |
| Potential market entry barriers and risks.   |                            |  |  |
| Business planning issues and concerns.   |                            |  |  |

Contains 1,120 pages and 48 tables



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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-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  |  |
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| 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 D   |  |

Erb-B



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PIK3CA

PTI-1

Ras

Reg

Sis

Src

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Cancer

Cosmetogenomics

Cystic Fibrosis

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Duchenne and Becker Muscular Dystrophy

Factor V (Leiden)

Factor IX Deficiency

Fragile X Syndrome

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Hemochomatosis

Hemophilia

**Huntington's Disease** 

Maternal-Fetal Incompatibility

Multiple Endocrine Neoplasia

Phenylketonuria (PKU)

Polycystic Kidney Disease (PKD)

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Spinal Muscular Atrophy

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The report provides strategic assessments of over 40 leading molecular diagnostics 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,



OrthoClinical Diagnostics, Qiagen, Quest Diagnostics, Quidel, Roche, Shimadzu, Siemens Healthineers, Sierra Molecular, Takara Bio, Tecan Group, Thermo Fisher, Wako and others.



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