

# **2024 North America Genetic Diseases, Cancer, Forensic and Paternity Molecular Diagnostics Market—Growth Opportunities in the US, Canada, Mexico--2023 Supplier Shares and Strategies, 2023-2028 Volume and Sales Segment Forecasts, Instrumentation Pipeline, Latest Technologies, Market Barriers and Risks**

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## **Abstracts**

The report is available by section, market segment, and can be customized to your specific information needs and budget.

This new report is designed to help current suppliers and potential market entrants identify and evaluate emerging opportunities for molecular diagnostic technologies and products for diagnosing genetic diseases, cancer, as well as forensic and paternity/HLA testing during the next five years.

### Report Presents

Market shares of leading suppliers

Business and technological trends in major markets

Five-year test volume and sales forecasts

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.

### 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.

### Countries Analyses

Canada, Mexico, USA

### Market Segmentation Analysis

### Market Segmentation Analysis

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

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

### Product/Technology Review

Comparison of major molecular diagnostic analyzers.

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

Worldwide listings of companies 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

Agilent Technologies

Applied Gene Technologies

Arca Biopharma

Beckman Coulter/Danaher/Cepheid

Becton Dickinson

Biokit

bioMerieux

Bio-Rad

Decode Genetics

Diasorin

Eiken Chemical

Elitech Group

Enzo Biochem

Exact Sciences

Fujirebio

Grifols

Hologic/Gen-Probe

Illumina

LabCorp/Sequenom

Leica Biosystems/Kreatech

Li-Cor Biosciences

Myriad Genetics

Proteome Sciences

Qiagen

Quest Diagnostics

QuidelOrtho

Roche

Shimadzu

Siemens Healthineers

Takara Bio

Tecan Group

Thermo Fisher

## Rationale

Genetic Diseases, Cancer, Forensic and Paternity 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.

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