

U.S. Genetic Diseases, Cancer, Forensic and Paternity Molecular Diagnostic Testing Markets, 2019-2023: Supplier Shares, Country Segment Forecasts, Emerging Technologies, Competitive Landscape

<https://marketpublishers.com/r/20B73B846BBEN.html>

Date: June 2019

Pages: 430

Price: US\$ 2,750.00 (Single User License)

ID: 20B73B846BBEN

Abstracts

This new study from VPGMarketResearch contains 430 pages, 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.

U.S. Market Overview

Laboratories performing DNA sequencing and molecular diagnostic testing by country and market segment.

Five-year test volume and sales projections.

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 laboratory segment.

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

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.

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 430 pages

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

U.S.

- 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
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

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
U.S.A., Laboratories Performing DNA Sequencing by Market Segment
U.S.A., Molecular Diagnostics Market, Potential Laboratory Universe by Market Segment
U.S.A., Molecular Diagnostic Test Volume Forecast By Major Application
U.S.A., Molecular Diagnostic Market Forecast By Major Application
U.S.A., Molecular Diagnostics Market by Major Supplier

I would like to order

Product name: U.S. Genetic Diseases, Cancer, Forensic and Paternity Molecular Diagnostic Testing Markets, 2019-2023: Supplier Shares, Country Segment Forecasts, Emerging Technologies, Competitive Landscape

Product link: <https://marketpublishers.com/r/20B73B846BBEN.html>

Price: US\$ 2,750.00 (Single User License / Electronic Delivery)

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

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/20B73B846BBEN.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