

2024-2029 Germany Infectious Disease Molecular Diagnostics Market: Supplier Sales and Shares, Volume and Sales Segment Forecasts for 100 Virology, Bacteriology, Parasitology and Mycology Tests, Competitive Analysis, Emerging Technologies, Latest Instrumentation, Growth Opportunities

https://marketpublishers.com/r/20B88625DCBBEN.html

Date: November 2024 Pages: 0 Price: US\$ 3,500.00 (Single User License) ID: 20B88625DCBBEN

Abstracts

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

This new study from VPGMarketResearch is designed to help current suppliers and potential market entrants identify and evaluate emerging opportunities in the infectious disease molecular diagnostics market during the next five years.

Report Highlights

- 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

The infectious disease molecular diagnostics market is one of 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 the infectious disease 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.

German Market Overview

- Laboratories performing DNA sequencing and molecular diagnostic testing for infectious diseases by market segment.

- Five-year test volume and sales projections.

Market Segmentation Analysis

- Sales and market shares of leading suppliers of infectious disease molecular diagnostic reagent kits and components.

- Five-year test volume and sales projections for over 40 infectious disease molecular diagnostic assays.

- A comprehensive analysis of the sequencing market by country and laboratory segment.

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

Product/Technology Review

- Comparison of leading infectious disease 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 infectious disease 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.



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. Market and Technology Review
- A. DNA Sequencing
- 1. Introduction
- 2. Sequencing Methods
- 3. Autoradiography
- 4. The Human Genome Project
- 5. Sequencing Automation
- 6. Image Scanners
- 7. Fluorescent Detection
- 8. Gene Profiling
- 9. Gene Expression
- 10. Polymorphism Screening
- 11. Protein Interaction Networks
- B. DNA and RNA Probe Technologies
- 1. Basic Principles



- 2. Probe Preparation
- 3. The DNA Probe Test
- 4. Test Formats
- 5. Labeling Techniques
- 6. Amplification Methods
- C. Detection Technologies
- 1. Radioactive Methods
- a. Overview
- b. Major Isotopes
- O P-32
- O S-35
- O H-3
- O I-125
- 2. Non-Isotopic Methods
- a. Enzymatic Labels
- b. Chemical Labeling
- O Indirect Chemical Labeling
- O Direct Chemical Labeling
- c. Fluorescence
- d. Chemiluminescence
- e. Electrical Conductivity
- D. Molecular Diagnostic Instrumentation Review
- 1. Abbott LCx
- 2. Beckman Coulter/Biomek FK
- 3. BD Viper System with XTR Technology
- 4. BD Innova
- 5. Becton Dickinson SDA
- 6. bioMerieux NucliSENS easyMAG
- 7. bioMerieux NucliSENS easyQ and MiniMAG
- 8. Bio-Rad GeneScope
- 9. Cepheid GeneXpert
- 10. Curetis Unyvero
- 11. GenMark Dx eSensor XT-8
- 12. Hologic/Gen-Probe Panther
- 13. Hologic/Gen-Probe Tigris/DTS
- 14. HTG Molecular Edge
- 15. Life Technologies QuantStudio Dx
- 16. Qiagen QIAsymphony RGQ



- 17. Roche Cobas Amplicor
- 18. Roche Cobas TaqMan 48
- 19. Roche Cobas TaqMan
- 20. Roche Cobas TaqMan AmpliPrep
- 21. Roche LighCycler 480
- 22. Roche Cobas 4800
- 23. Roche Cobas s 201
- 24. Siemens Versant
- 25. Tecan LS Series
- E. Biochips: Genosensors, Microarrays, and Labs-on-the-Chip
- Liquid Transportation and Mixing
- Separation
- Reaction
- Detection
- F. Pharmacogenomics
- G. Major Applications, Microbiology/Infectious Diseases
- a. Overview
- b. Major Infectious Diseases
- ° AIDS: HIV/HIV-1/2/Combo, HIVAg/HIV NAT, Western Blot, HTLV-I/II
- ° Adenovirus
- ° Aeromonas
- ° Anthrax/Bacillus Anthracis



I would like to order

- Product name: 2024-2029 Germany Infectious Disease Molecular Diagnostics Market: Supplier Sales and Shares, Volume and Sales Segment Forecasts for 100 Virology, Bacteriology, Parasitology and Mycology Tests, Competitive Analysis, Emerging Technologies, Latest Instrumentation, Growth Opportunities
 - Product link: https://marketpublishers.com/r/20B88625DCBBEN.html
 - Price: US\$ 3,500.00 (Single User License / Electronic Delivery) If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <u>https://marketpublishers.com/r/20B88625DCBBEN.html</u>