

# 2015-2019 German Infectious Disease Molecular Diagnostics Market: Supplier Shares, Country Forecasts, Innovative Technologies, Competitive Strategies

<https://marketpublishers.com/r/25F1787A610EN.html>

Date: September 2015

Pages: 615

Price: US\$ 3,480.00 (Single User License)

ID: 25F1787A610EN

## Abstracts

Complete report \$4,350. DataPack (test volumes, sales forecasts, supplier shares) \$2,800. The report is available by section, market segment, individual test, and can be custom-tailored to your specific information needs and budget.

This new study from VPGMarketResearch contains 615 pages, 26 tables, and 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.

Germany 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.

Abbott

Affymetrix

Agilent Technologies

Applied Gene Technologies

Arca Biopharma

Beckman Coulter/Danaher

Becton Dickinson

Biokit

BioMerieux

Bio-Rad

Biotest

Cepheid

CellMark Forensics Lab/Corp

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

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.

Contains 615 pages and 26 tables

## Contents

### **1. INTRODUCTION**

### **2. MAJOR PRODUCT DEVELOPMENT OPPORTUNITIES**

#### **A. INSTRUMENTATION**

- B. Reagent Kits and Test Systems/panels
- C. Computers, Software and Automation
- D. Auxiliary Products

### **3. DESIGN CRITERIA FOR DECENTRALIZED TESTING PRODUCTS**

### **4. ALTERNATIVE MARKET PENETRATION STRATEGIES**

- A. Internal Development
- B. Collaborative Arrangements
- C. University Contracts
- D. Distribution Strategies For Decentralized Testing Markets

### **5. 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

### **6. WORLDWIDE 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
      - P-32
      - S-35
      - H-3
      - I-125
  2. NON-ISOTOPIC METHODS
    - a. Enzymatic Labels
    - b. Chemical Labeling
      - @ Indirect Chemical Labeling
      - @ 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
19. ROCHE COBAS TAQMAN
20. ROCHE COBAS TAQMAN AMPLIPREP
21. ROCHE LIGHCYCLER
22. ROCHE COBAS 4800
23. ROCHE COBAS S
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

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

Toxoplasmosis

Trichomonas Vaginalis

Tuberculosis

Vibrio

West Nile Virus

Yersina

H. Competing/complementing

1. MONOCLONAL ANTIBODIES/IMMUNOASSAYS

2. RNA PROBES

3. TWO-DIMENSIONAL ELECTROPHORESIS

4. FLOW CYTOMETRY

## **7. GERMANY MOLECULAR DIAGNOSTICS MARKET**

A. EXECUTIVE SUMMARY

B. Business Environment

C. Market Structure

D. Market Size, Test Volume and Sales Forecasts, Major Supplier Sales and Market Shares

## **8. COMPETITIVE ASSESSMENTS**

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/LabCorp  
Myriad Genetics  
Ortho-Clinical Diagnostics  
Perkin Elmer/Caliper  
Proteome Sciences  
Qiagen  
Roche  
Scienion  
Sequenom  
Shimadzu  
Siemens  
Sierra Molecular  
Takara Bio  
Tecan Group  
Thermo Fisher

### **13. APPENDIX: MAJOR UNIVERSITIES AND RESEARCH CENTERS DEVELOPING MOLECULAR DIAGNOSTIC TECHNOLOGIES**

## List Of Tables

### LIST OF TABLES

Major Companies Developing or Marketing AIDS Molecular Diagnostic and Other Direct Identification Tests

Major Companies Developing or Marketing Adenovirus Molecular Diagnostic and Other Direct Identification Tests

Major Companies Developing or Marketing Bartonella Molecular Diagnostic and Other Direct Identification Tests

Major Companies Developing or Marketing Campylobacter Molecular Diagnostic and Other Direct Identification Tests

Major Companies Developing or Marketing Candida Molecular Diagnostic and Other Direct Identification Tests

Major Companies Developing or Marketing Chlamydia Molecular Diagnostic and Other Direct Identification Tests

Major Companies Developing or Marketing Clostridium Molecular Diagnostic and Other Direct Identification Tests

Major Companies Developing or Marketing Coronavirus Molecular Diagnostic and Other Direct Identification Tests

Major Companies Developing or Marketing Cryptosporidium Molecular Diagnostic and Other Direct Identification Tests

Major Companies Developing or Marketing CMV Molecular Diagnostic and Other Direct Identification Tests

Major Companies Developing or Marketing Echovirus Molecular Diagnostic and Other Direct Identification Tests

Major Companies Developing or Marketing Enterovirus Molecular Diagnostic and Other Direct Identification Tests

Major Companies Developing or Marketing EBV Molecular Diagnostic and Other Direct Identification Tests

Major Companies Developing or Marketing Giardia Molecular Diagnostic and Other Direct Identification Tests

Major Companies Developing or Marketing Gonorrhoea Molecular Diagnostic and Other Direct Identification Tests

Major Companies Developing or Marketing Hantavirus Molecular Diagnostic and Other Direct Identification Tests

Major Companies Developing or Marketing Helicobacter Molecular Diagnostic and Other Direct Identification Tests

Major Companies Developing or Marketing Hepatitis Molecular Diagnostic and Other

Direct Identification Tests

Major Companies Developing or Marketing Herpes Molecular Diagnostic and Other Direct Identification Tests

Major Companies Developing or Marketing Influenza Molecular Diagnostic and Other Direct Identification Tests

Major Companies Developing or Marketing Legionella Molecular Diagnostic and Other Direct Identification Tests

Major Companies Developing or Marketing Lyme Disease Molecular Diagnostic and Other Direct Identification Tests

Major Companies Developing or Marketing Measles Molecular Diagnostic and Other Direct Identification Tests

Major Companies Developing or Marketing Meningitis Molecular Diagnostic and Other Direct Identification Tests

Major Companies Developing or Marketing Mononucleosis Molecular Diagnostic and Other Direct Identification Tests

Major Companies Developing or Marketing Mumps Molecular Diagnostic and Other Direct Identification Tests

Major Companies Developing or Marketing Mycoplasma Molecular Diagnostic and Other Direct Identification Tests

Major Companies Developing or Marketing Pneumonia Molecular Diagnostic and Other Direct Identification Tests

Major Companies Developing or Marketing RSV Molecular Diagnostic and Other Direct Identification Tests

Major Companies Developing or Marketing Rotavirus Molecular Diagnostic and Other Direct Identification Tests

Major Companies Developing or Marketing Rubella Molecular Diagnostic and Other Direct Identification Tests

Major Companies Developing or Marketing Salmonella Molecular Diagnostic and Other Direct Identification Tests

Major Companies Developing or Marketing Septicemia Molecular Diagnostic and Other Direct Identification Tests

Major Companies Developing or Marketing Shigella Molecular Diagnostic and Other Direct Identification Tests

Major Companies Developing or Marketing Streptococci Molecular Diagnostic and Other Direct Identification Tests

Major Companies Developing or Marketing Syphilis Molecular Diagnostic and Other Direct Identification Tests

Major Companies Developing or Marketing Toxoplasmosis Molecular Diagnostic and Other Direct Identification Tests

Major Companies Developing or Marketing Trichomonas Molecular Diagnostic and Other Direct Identification Tests

Major Companies Developing or Marketing Tuberculosis Molecular Diagnostic and Other Direct Identification Tests

Germany Molecular Diagnostics Test Volume And Sales By Major Application 2014-2019

Germany Laboratories Performing DNA Sequencing By Market Segment 2014

Germany Molecular Diagnostics Market Potential Laboratory Universe by Market Segment 2014

Germany Molecular Diagnostics Test Volume By Major Application 2014-2019

Germany Major Infectious Disease Test Volume by Assay 2014-2019

Germany Major Infectious Disease Test Volume by Method 2014

Germany Molecular Diagnostics Market By Major Application 2014-2019

Germany Molecular Diagnostics Market Estimated Sales And Market Shares of Major Suppliers 2014

Germany Major Infectious Disease Diagnostics Market by Assay 2014-2019

Germany AIDS Testing Market Estimated Sales by Major Supplier 2014

Germany CMV Testing Market Estimated Sales by Major Supplier 2014

Germany EBV Testing Market Estimated Sales by Major Supplier 2014

Germany Gonorrhoea Testing Market Estimated Sales by Major Supplier 2014

Germany Hepatitis Testing Market Estimated Sales by Major Supplier 2014

Germany Hepatitis C Testing Market Estimated Sales by Major Supplier 2014

Germany HIV/Hepatitis Blood Screening NAT Market Reagent Sales by Major Supplier 2014

Germany Herpes Testing Market Estimated Sales by Major Supplier 2014

Germany Influenza Testing Market Estimated Sales by Major Supplier 2014

Germany Meningitis Testing Market Estimated Sales by Major Supplier 2014

Germany Mycoplasma Testing Market Estimated Sales by Major Supplier 2014

Germany Pneumonia Testing Market Estimated Sales by Major Supplier 2014

Germany RSV Testing Market Estimated Sales by Major Supplier 2014

Germany Rotavirus Testing Market Estimated Sales by Major Supplier 2014

## I would like to order

Product name: 2015-2019 German Infectious Disease Molecular Diagnostics Market: Supplier Shares, Country Forecasts, Innovative Technologies, Competitive Strategies

Product link: <https://marketpublishers.com/r/25F1787A610EN.html>

Price: US\$ 3,480.00 (Single User License / Electronic Delivery)

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

[info@marketpublishers.com](mailto:info@marketpublishers.com)

## Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/25F1787A610EN.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

