

# **2014 Opportunities in the German Infectious Disease Testing Market**

## **Table of Contents**

### **I. Introduction**

### **II. Major Product Development Opportunities**

- A. Instrumentation
- B. Reagent Kits and Test Systems/panels
- C. Information Technology
- 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

- 1. Marketing Approaches
- 2. Product Complexity
- 3. Customer Preference
- 4. Established Suppliers
- 5. Emerging Suppliers
- 6. Major Types of Distributors
- 7. Market Segmentation

### **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

## Table of Contents

### **VI. Worldwide Overview of Major Tests, Technologies, and Instrumentation**

#### A. Major Infectious Disease Tests

1. AIDS
2. Adenovirus
3. Aeromonas
4. Anthrax/Bacillus Anthracis
5. Arboviruses
6. Babesiosis
7. Bacillary Epithelioid Angiomatosis (BEA) and Other Bartonella (Rochalimaea)
8. Blastocystis Hominis
9. Brucella
10. Campylobacter
11. Candida
12. Chagas Disease
13. Chancroid
14. Chlamydia
15. Clostridium Difficile
16. Coronaviruses
17. Coxsackieviruses
18. Creutzfeldt-Jakob's Disease
19. Cryptosporidium Parvum
20. Cyclospora Cayetanensis
21. Cytomegalovirus
22. Ebola Virus
23. E. Coli
24. EchoVirus
25. Encephalitis
26. Enteroviruses
27. Epstein-Barr Virus
28. Giardia Lamblia
29. Gonorrhea
30. Granuloma Inguinale
31. Hantavirus
32. Helicobacter Pylori

## Table of Contents

33. Hepatitis
34. Herpes Simplex Virus
35. Human Herpes Virus-6 (HHV-6)
36. Influenza Viruses
37. Legionella
38. Lyme Disease
39. Lymphogranuloma Venereum (LGV)
40. Malaria
41. Measles (Rubeola)
42. Meningitis
43. Microsporidium
44. Mononucleosis
45. Mumps
46. Mycoplasma
47. Papillomaviruses
48. Parvovirus B19
49. Pneumonia
50. Polyomaviruses
51. Pseudomonas Aeruginosa
52. Rabies
53. Respiratory Syncytial Virus (RSV)
54. RhinoViruses
55. RotaVirus (REOVIRUS)
56. Rubella(MEASLES)
57. Salmonellosis
58. Septicemia
59. Shigellosis
60. Staphylococcus Aureus
61. Streptococci
62. Syphilis
63. Toxoplasmosis
64. Trichomonas Vaginalis
65. Tuberculosis
66. Vibrio
67. West Nile Virus
68. Yersina

## Table of Contents

B. Instrumentation Review: Operating Characteristics, Features and Selling Principles of Leading Automated and Semiautomated Analyzers

C. Emerging Diagnostic Technologies

1. Molecular Diagnostics
2. Monoclonal Antibodies
3. Immunoassays
4. Differential Light Scattering
5. Information Technology
6. Artificial Intelligence
7. Liposomes
8. Flow Cytometry
9. Chromatography
10. Diagnostic Imaging
11. Gel Microdroplets
12. Other

## **VII. Germany**

- A. Executive Summary
- B. Business Environment
- C. Market Structure
- D. Market Size, Growth, Volume by Method, and Major Suppliers' Sales and Market Shares by Test

## **XI. Competitive Assessments**

- Abbott
- Affymetrix
- Beckman Coulter/Danaher
- Becton Dickinson
- bioMérieux
- Bio-Rad
- Cepheid
- Diamedix
- DiaSorin

## **Table of Contents**

- Eiken Chemical
- Enzo Biochem
- Fujirebio/Innogenetics
- Hologic/Gen-Probe
- ID Biomedical/GSK
- Kreatech
- Life Technology
- Lonza
- Nanogen/Elitech
- Novartis Diagnostics
- Ortho-Clinical Diagnostics
- Qiagen
- Roche
- Scienion
- Sequenom
- SeraCare
- Siemens
- Takara Bio
- Thermo Fisher
- Wallac/PE
- Wako

## **XVI. Appendix: Assumed Currency Exchange Rates**

## **List of Tables**

Major Companies Developing or Marketing AIDS Tests

Major Companies Developing or Marketing Adenovirus Tests

Major Companies Developing or Marketing Bartonella Tests

Major Companies Developing or Marketing Campylobacter Tests

Major Companies Developing or Marketing Candida Tests

Major Companies Developing or Marketing Chlamydia Tests

Major Companies Developing or Marketing Clostridium Tests

Major Companies Developing or Marketing Coronavirus Tests

Major Companies Developing or Marketing Cryptosporidium Tests

Major Companies Developing or Marketing CMV Tests

Major Companies Developing or Marketing Echovirus Tests

Major Companies Developing or Marketing Enterovirus Tests

Major Companies Developing or Marketing EBV Tests

**List of Tables** (continued)

Major Companies Developing or Marketing Giardia Tests

Major Companies Developing or Marketing Gonorrhea Tests

Major Companies Developing or Marketing Hantavirus Tests

Major Companies Developing or Marketing Helicobacter Pylori Tests

Major Companies Developing or Marketing Hepatitis Tests

Major Companies Developing or Marketing Herpes Tests

Major Companies Developing or Marketing Influenza Tests

Major Companies Developing or Marketing Legionella Tests

Major Companies Developing or Marketing Lyme Disease Tests

Major Companies Developing or Marketing Lymphogranuloma Tests

Major Companies Developing or Marketing Malaria Tests

Major Companies Developing or Marketing Measles Tests

Major Companies Developing or Marketing Meningitis Tests

**List of Tables** (continued)

Major Companies Developing or Marketing Microsporidium Tests

Major Companies Developing or Marketing Mononucleosis Tests

Major Companies Developing or Marketing Mumps Tests

Major Companies Developing or Marketing Mycoplasma Tests

Major Companies Developing or Marketing Papilloma Virus Tests

Major Companies Developing or Marketing Parvovirus Tests

Major Companies Developing or Marketing Pneumonia Tests

Major Companies Developing or Marketing RSV Tests

Major Companies Developing or Marketing Rotavirus Tests

Major Companies Developing or Marketing Rubella Tests

Major Companies Developing or Marketing Salmonella Tests

Major Companies Developing or Marketing Septicemia Tests

Major Companies Developing or Marketing Shigella Tests

Major Companies Developing or Marketing Staphylococci Tests

**List of Tables** (continued)

Major Companies Developing or Marketing  
Streptococci Tests

Major Companies Developing or Marketing Syphilis  
Tests

Major Companies Developing or Marketing Toxoplasmosis  
Tests

Major Companies Developing or Marketing Trichomonas  
Tests

Major Companies Developing or Marketing Tuberculosis  
Tests

Major Companies Developing or Marketing West Nile  
Tests

Major Companies Developing or Marketing Yersinia Tests

Germany Summary Table  
All Infectious Diseases Test Volume and Diagnostics  
Sales Forecast by Market Segment

Germany  
Laboratories Performing Infectious Disease Tests  
Forecast by Market Segment

Germany  
Hospital Laboratories Performing Infectious Disease  
Tests by Bed Size

Germany  
Commercial/Private Laboratories Performing Infectious  
Disease Tests by Annual Test Volume

Germany  
All Market Segments Infectious Disease Test Volume Forecast

Germany  
All Market Segments Infectious Disease Test Volume by Method

**List of Tables** (continued)

Germany  
Hospital Laboratories Infectious Disease Test Volume Forecast

Germany  
Blood Banks Infectious Disease Test Volume Forecast

Germany  
Commercial/Private Laboratories Infectious Disease  
Test Volume Forecast

Germany  
All Market Segments Infectious Disease Diagnostics  
Market Forecast

Germany  
Hospital Laboratories Infectious Disease Diagnostics  
Market Forecast

Germany  
Blood Banks Infectious Disease Diagnostics Market Forecast

Germany  
Commercial/Private Laboratories Infectious Disease  
Diagnostics Market Forecast

Germany  
HIV or HIV I/HIVII Test Volume and Diagnostics Sales  
Forecast by Market Segment

Germany  
HIV Ag Test Volume and Diagnostics Sales Forecast by Market  
Segment

Germany  
Western Blot/Other Confirmatory Test Volume and  
Diagnostics Sales Forecast by Market Segment

Germany  
Adenovirus Test Volume and Diagnostics Sales Forecast  
by Market Segment

**List of Tables** (continued)

Germany  
Aeromonads Test Volume and Diagnostics Sales Forecast by  
Market Segment

Germany  
BEA Test Volume and Diagnostics Sales Forecast by Market  
Segment

Germany  
Blastocystis Hominis Test Volume and Diagnostics  
Sales Forecast by Market Segment

Germany  
Campylobacter Test Volume and Diagnostics Sales Forecast by  
Market Segment

Germany  
Candida Test Volume and Diagnostics Sales Forecast by Market  
Segment

Germany  
Chancroid Test Volume and Diagnostics Sales Forecast by Market  
Segment

Germany  
Chlamydia Test Volume and Diagnostics Sales Forecast by Market  
Segment

Germany  
Clostridium Test Volume and Diagnostics Sales Forecast by Market  
Segment

Germany  
CoxsackieVirus Test Volume and Diagnostics Sales Forecast by Market  
Segment

Germany  
Cryptosporidium Test Volume and Diagnostics Sales Forecast by  
Market Segment

**List of Tables** (continued)

Germany  
Cyclospora Test Volume and Diagnostics Sales Forecast by Market Segment

Germany  
CMV Test Volume and Diagnostics Sales Forecast by Market Segment

Germany  
E. Coli Test Volume and Diagnostics Sales Forecast by Market Segment

Germany  
Echovirus Test Volume and Diagnostics Sales Forecast by Market Segment

Germany  
Encephalitis Test Volume and Diagnostics Sales Forecast by Market Segment

Germany  
Enterovirus Test Volume and Diagnostics Sales Forecast by Market Segment

Germany  
EBV Test Volume and Diagnostics Sales Forecast by Market Segment

Germany  
Giardia Test Volume and Diagnostics Sales Forecast by Market Segment

Germany  
Gonorrhea Test Volume and Diagnostics Sales Forecast by Market Segment

Germany  
Granuloma Inguinale Test Volume and Diagnostics Sales Forecast by Market Segment

Germany  
Hantavirus Test Volume and Diagnostics Sales Forecast by Market Segment

**List of Tables** (continued)

Germany  
Helicobacter Pylori Test Volume and Diagnostics  
Sales Forecast by Market Segment

Germany  
HAV NAT Test Volume and Diagnostics Sales Forecast by Market Segment

Germany  
HBV NAT Test Volume and Diagnostics Sales Forecast by Market Segment

Germany  
HBsAg Test Volume and Diagnostics Sales Forecast by Market Segment

Germany  
Hepatitis C Test Volume and Diagnostics Sales Forecast by Market Segment

Germany  
Anti-HBc Test Volume and Diagnostics Sales Forecast by Market  
Segment

Germany  
Anti-HBs Test Volume and Diagnostics Sales Forecast  
by Market Segment

Germany  
Anti-HAV Test Volume and Diagnostics Sales Forecast  
by Market Segment

Germany  
Hepatitis Delta Test Volume and Diagnostics Sales  
Forecast by Market Segment

Germany  
HBcAg Test Volume and Diagnostics Sales Forecast  
by Market Segment

Germany  
HBeAg Test Volume and Diagnostics Sales Forecast  
by Market Segment

**List of Tables** (continued)

Germany  
ALT/SGPT Test Volume and Diagnostics Sales Forecast by Market Segment

Germany  
Herpes Simplex I and II Test Volume and Diagnostics Sales Forecast by Market Segment

Germany  
Herpes Type VI Test Volume and Diagnostics Sales Forecast by Market Segment

Germany  
HTLV I or HTLV I/HTLV II Test Volume and Diagnostics Sales Forecast by Market Segment

Germany  
Influenza Test Volume and Diagnostics Sales Forecast by Market Segment

Germany  
Legionella Test Volume and Diagnostics Sales Forecast by Market Segment

Germany  
Lyme Disease Test Volume and Diagnostics Sales Forecast by Market Segment

Germany  
Lymphogranuloma Test Volume and Diagnostics Sales Forecast by Market Segment

Germany  
Malaria Test Volume and Diagnostics Sales Forecast by Market Segment

Germany  
Measles Test Volume and Diagnostics Sales Forecast by Market Segment

**List of Tables** (continued)

Germany  
Meningitis Test Volume and Diagnostics Sales Forecast by Market Segment

Germany  
Microsporidium Test Volume and Diagnostics Sales Forecast by Market Segment

Germany  
Mononucleosis Test Volume and Diagnostics Sales Forecast by Market Segment

Germany  
Mumps Test Volume and Diagnostics Sales Forecast by Market Segment

Germany  
Mycoplasma Test Volume and Diagnostics Sales Forecast by Market Segment

Germany  
Papilloma Virus Test Volume and Diagnostics Sales Forecast by Market Segment

Germany  
Parvovirus Test Volume and Diagnostics Sales Forecast by Market Segment

Germany  
Pneumonia Test Volume and Diagnostics Sales Forecast by Market Segment

Germany  
Polyoma Viruses Test Volume and Diagnostics Sales Forecast by Market Segment

Germany  
Pseudomonas Test Volume and Diagnostics Sales Forecast by Market Segment

Germany  
Rabies Test Volume and Diagnostics Sales Forecast by Market Segment

**List of Tables** (continued)

Germany  
RSV Test Volume and Diagnostics Sales Forecast  
by Market Segment

Germany  
Rhinovirus Test Volume and Diagnostics Sales Forecast  
by Market Segment

Germany  
Rotavirus Test Volume and Diagnostics Sales Forecast  
by Market Segment

Germany  
Rubella Test Volume and Diagnostics Sales Forecast  
by Market Segment

Germany  
Salmonella Test Volume and Diagnostics Sales Forecast by Market Segment

Germany  
Septicemia Test Volume and Diagnostics Sales Forecast by Market Segment

Germany  
Shigella Test Volume and Diagnostics Sales Forecast  
by Market Segment

Germany  
Staphylococci Test Volume and Diagnostics Sales Forecast  
by Market Segment

Germany  
Streptococci Test Volume and Diagnostics Sales Forecast  
by Market Segment

Germany  
Syphilis Test Volume and Diagnostics Sales Forecast  
by Market Segment

Germany  
Toxoplasmosis Test Volume and Diagnostics Sales Forecast  
by Market Segment

**List of Tables** (continued)

Germany  
Trichomonas Test Volume and Diagnostics Sales Forecast  
by Market Segment

Germany  
Tuberculosis Test Volume and Diagnostics Sales Forecast  
by Market Segment

Germany  
Vibrio Test Volume and Diagnostics Sales Forecast  
by Market Segment

Germany  
West Nile Test Volume and Diagnostics Sales Forecast  
by Market Segment

Germany  
Yersinia Test Volume and Diagnostics Sales Forecast  
by Market Segment

Germany  
AIDS Testing Market Diagnostics Sales by Major Supplier

Germany  
Campylobacter Testing Market Diagnostics Sales  
by Major Supplier

Germany  
Candida Testing Market Diagnostics Sales  
by Major Supplier

Germany  
CMV Testing Market Diagnostics Sales by Major Supplier

Germany  
EBV Testing Market Diagnostics Sales by Major Supplier

Germany  
Gonorrhoea Testing Market Diagnostics Sales by Major  
Supplier

**List of Tables** (continued)

Germany  
Hepatitis Testing Market Diagnostics Sales by Major  
Supplier

Germany  
Hepatitis C Testing Market Diagnostics Sales by Major Supplier

Germany  
Herpes Testing Market Diagnostics Sales by Major Supplier

Germany  
Influenza Testing Market Diagnostics Sales by Major Supplier

Germany  
Legionella Testing Market Diagnostics Sales by Major Supplier

Germany  
Meningitis Testing Market Diagnostics Sales by Major Supplier

Germany  
Mononucleosis Testing Market Diagnostics Sales by Major Supplier

Germany  
Mycoplasma Testing Market Diagnostics Sales  
by Major Supplier

Germany  
Pneumonia Testing Market Diagnostics Sales  
by Major Supplier

Germany  
RSV Testing Market Diagnostics Sales Forecast  
by Major Supplier

Germany  
Rotavirus Testing Market Diagnostics Sales by Major Supplier

Germany  
Rubella Testing Market Diagnostics Sales by Major Supplier

**List of Tables** (continued)

Germany  
Septicemia Testing Market Diagnostics Sales  
by Major Supplier

Germany  
Streptococci Testing Market Diagnostics Sales by Major Supplier

Germany  
Toxoplasmosis Testing Market Diagnostics Sales by Major Supplier

Germany  
Trichomonas Testing Market Diagnostics Sales by Major Supplier

Germany  
Tuberculosis Testing Market Diagnostics Sales by Major Supplier