

# 2017-2021 Germany Microbiology Market: Emerging Opportunities and Growth Strategies for Instrument and Reagent Suppliers

https://marketpublishers.com/r/GBD31944B4CEN.html

Date: February 2017

Pages: 983

Price: US\$ 6,030.00 (Single User License)

ID: GBD31944B4CEN

## **Abstracts**

Complete report \$6,700. DataPack (test volumes, sales forecasts, supplier shares) \$4,300. VPGMarketResearch.com presents a new strategic analysis of major business opportunities emerging in the infectious disease testing market during the next five years. The report examines key German market trends; reviews current and emerging assays; analyzes potential applications of innovative diagnostic technologies; forecasts volume and sales for over 100 infectious disease tests by assay, and market segment; provides test volume estimates by method (molecular, serology/immunodiagnostics, culture/microscopy); profiles leading players and potential market entrants; and suggests alternative business expansion strategies for suppliers.

#### Rationale

This comprehensive report will assist diagnostics industry executives, as well as companies planning to diversify into the dynamic and rapidly expanding microbiology testing market, in evaluating emerging opportunities and developing effective business strategies. Microbiology testing is one of the most rapidly growing segments of the in vitro diagnostics industry, and the greatest challenge facing suppliers during this decade. Among the main driving forces is continuing spread of AIDS, which remains the worlds major health threat and a key factor contributing to the rise of opportunistic infections; threat of bioterrorism; advances in molecular diagnostic technologies; and a wider availability of immunosuppressive drugs. Although for some infections the etiology is still a mystery, while for others the causative microorganisms are present in minute concentrations long before the occurrence of first clinical symptoms, recent advances in genetic engineering and detection technologies are creating exciting opportunities for highly sensitive, specific and cost-effective products.



**Opportunities and Strategic Recommendations** - Emerging opportunities for new instrumentation, reagents kits, IT and other products with significant market appeal during the next five years.- Design criteria for decentralized testing products.- Alternative market penetration strategies.- Potential market entry barriers and risks.

Infectious Diseases Analyzed in the Report AIDS/HIV, Adenovirus, Aeromonads, Bartonella, Blastocystis Hominis, Campylobacter, Candida, Chancroid, Chlamydia, Clostridium, Coronavirus, Coxsackievirus, Cryptosporidium, Cyclospora, CMV, E. Coli, Echovirus, Encephalitis, Enterovirus, EBV, Giardia, Gonorrhea, Granuloma Inguinale, Hantavirus, H. Pylori, Hepatitis, Herpes Influenza, Legionella, Lyme disease, Lymphogranuloma, Malaria, Measles, Meningitis, Microsporidium, Mononucleosis, Mumps, Mycoplasma, HPV, Parvovirus, Pneumonia, Polyomaviruses, Pseudomonas, Rabies, RSV, Rhinovirus, Rotavirus, Rubella, Salmonella, Septicemia, Shigella, Staphylococci, Streptococci, Syphilis, Toxoplasmosis, Trichomonas, TB, Vibrio, West Nile, Yersinia.

**Market Segmentation Analysis** - Sales and market shares of major suppliers by individual test.- Volume and sales forecasts for over 100 infectious disease assays by individual test and market segment: ° Hospitals ° Blood Banks ° Commercial/Private Laboratories

Test volume estimates by method (molecular, serology/immunodiagnostics, culture/microscopy).- Review of the market dynamics, trends, structure, size, growth and major suppliers.

**Current and Emerging Products** - In-depth examination of over 100 major diseases, including their etiology, current diagnostic tests, vaccines, drugs and market needs.-Review of major analyzers used for infectious disease testing, including their operating characteristics, features and selling prices.

**Technology Review** - Assessment of molecular diagnostic, monoclonal antibody, immunoassay, and other technologies and their potential applications for infectious disease testing.- Global listings of companies developing or marketing infectious disease diagnostic products by individual test.

**Competitive Assessments** - Strategic assessments of major suppliers and emerging market entrants, including their sales, product portfolios, marketing tactics, collaborative arrangements and new products in R&D.



Contains 983 pages and 160 tables



## **Contents**

#### I. INTRODUCTION

- II. Worldwide Market Overview
- A. Business Environment
- B. Market Structure
- C. Market Size and Growth

#### III. MAJOR PRODUCT DEVELOPMENT OPPORTUNITIES

- A. Instrumentation
- B. Reagent Kits and Test Systems/Panels
- C. Information Technology
- D. Auxiliary Products

#### IV. DESIGN CRITERIA FOR DECENTRALIZED TESTING PRODUCTS

#### V. ALTERNATIVE MARKET PENETRATION STRATEGIES

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

#### VI. 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
- VII. Worldwide Overview of Major Tests, Technologies, and Instrumentation
- A.Major Infectious Disease Tests
  - 1. AIDS: HIV/HIV-1/2/COMBO, HIVAG/HIV NAT, WESTERN BLOT, HTLV-I/II
  - 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
- 33. HEPATITIS: HAV NAT, HBV NAT, HBS AG, HCV, HCV NAT, ANTI-HBC, ANTI-
- HBS, ANTI-HAV, HEPATITIS DELTA, HBC AG, HBE AG, ALT/SGPT
  - 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
- 56. RUBELLA
- 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
- B. Instrumentation Review: Operating Characteristics, Features and Selling Princes of Leading Infectious Disease Automated and Semiautomated Analyzers
- C. Emerging Infectious Disease 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. OTHERS
- VIII. Germany Infectious Disease Testing Market
- A. EXECUTIVE SUMMARY
- B. Business Environment
- C. Market Structure
- D. Market Size, Volume by Method, Test Volume and Sales Forecasts by Market

Segment, Major Supplier Sales and Market Shares by Test

IX. Competitive Assessments

Abbott

Affymetrix

Beckman Coulter/Danaher

**Becton Dickinson** 

bioMerieux

Bio-Rad

Cepheid

Diamedix/Erba

DiaSorin

Eiken Chemical

Elitech Group

Enzo Biochem

Fujirebio

Grifols

Hologic/Gen-Probe

ID Biomedical/GSK

Kreatech/Leica

Lonza

Ortho-Clinical Diagnostics

Qiagen

Roche

Scienion

Sequenom

SeraCare

Siemens

Takara Bio

Thermo Fisher

Wallac/PE



Wako



## **List Of Tables**

#### 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 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 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

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 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 All Market Segments Infectious Disease Test Volume by Method

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/Combo 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 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

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 Segmen 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 Segment

Germany Hantavirus Test Volume and Diagnostics Sales Forecast by Market Segment 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 HCV Test Volume and Diagnostics Sales Forecast by Market Segment Germany HCV NAT 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 Segment

Germany HBcAg Test Volume and Diagnostics Sales Forecast by Market Segment Germany HBeAg Test Volume and Diagnostics Sales Forecast by Market Segment 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 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 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

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 Gonorrhea Testing Market Diagnostics Sales by Major Supplier

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

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



#### I would like to order

Product name: 2017-2021 Germany Microbiology Market: Emerging Opportunities and Growth Strategies

for Instrument and Reagent Suppliers

Product link: https://marketpublishers.com/r/GBD31944B4CEN.html

Price: US\$ 6,030.00 (Single User License / Electronic Delivery)

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

Service:

info@marketpublishers.com

## **Payment**

First name:

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <a href="https://marketpublishers.com/r/GBD31944B4CEN.html">https://marketpublishers.com/r/GBD31944B4CEN.html</a>

To pay by Wire Transfer, please, fill in your contact details in the form below:

Last name:	
Email:	
Company:	
Address:	
City:	
Zip code:	
Country:	
Tel:	
Fax:	
Your message:	
	**All fields are required
	Custumer signature

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <a href="https://marketpublishers.com/docs/terms.html">https://marketpublishers.com/docs/terms.html</a>

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



