









MEDICAL DEVICES

**PHARMACEUTICALS** 

**CHEMICALS** 

FOOD & BEVERAGE

**ELECTRONICS** 

#### Table of Contents and List of Tables

Copyright VENTURE PLANNING GROUP
This material is confidential for use by our clients only
and may not be reprinted or reproduced.

VPG Publications, Consulting, Clients www.VPGcorp.com

VPG Market Research Reports www.VPGMarketResearch.com

Partner Reports www.LeadingMarketResearch.com

VENTURE PLANNING GROUP 1271 Avenue of the Americas, Suite 4300 New York, NY 10020 Phone + 1 212 564 2838 Fax + 1 212 564 8133 reports@vpgcorp.com

#### **Table of 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. U.K. 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**

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

#### **<u>List of Tables</u>** (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

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

U.K. Summary Table
All Infectious Diseases Test Volume and Diagnostics
Sales Forecast by Market Segment

U.K.

Laboratories Performing Infectious Disease Tests by Market Segment

U.K.

Hospital Laboratories Performing Infectious Disease Tests by Bed Size

U.K.

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

U.K.

All Market Segments Infectious Disease Test Volume Forecast

U.K.

All Market Segments Infectious Disease Test Volume by Method

U.K.

Hospital Laboratories Infectious Disease Test Volume Forecast

U.K.

Blood Banks Infectious Disease Test Volume Forecast

U.K.

Public Health Laboratories Infectious Disease Test Volume Forecast

U.K.

Commercial/Private Laboratories Infectious Disease Test Volume Forecast

U.K.

All Market Segments Infectious Disease Diagnostics Market Forecast

U.K.

Hospital Laboratories Infectious Disease Diagnostics Market Forecast

U.K.

Blood Banks Infectious Disease Diagnostics Market Forecast

U.K.

Public Health Laboratories Infectious Disease Diagnostics Market Forecast

U.K.

Commercial/Private Laboratories Infectious Disease Diagnostics Market Forecast

U.K.

HIV or HIV I/HIV II/Combo Test Volume and Diagnostics Sales Forecast by Market Segment

U.K.

HIVAg Test Volume and Diagnostics Sales Forecast by Market Segment

U.K.

## Western Blot/Other Confirmatory Test Volume and Diagnostics Sales Forecast by Market Segment List of Tables (continued)

U.K.

Adenovirus Test Volume and Diagnostics Sales Forecast by Market Segment

U.K.

Aeromonads Test Volume and Diagnostics Sales Forecast by Market Segment

U.K. BEA Test Volume and Diagnostics Sales Forecast by Market Segment

U.K.

Blastocystis Hominis Test Volume and Diagnostics Sales Forecast by Market Segment

U.K.

Campylobacter

Test Volume and Diagnostics Sales Forecast by Market Segment

U.K.

Candida

Test Volume and Diagnostics Sales Forecast by Market Segment

U.K.

Chancroid

Test Volume and Diagnostics Sales Forecast by Market Segment

U.K.

Chlamydia Test Volume and Diagnostics Sales Forecast by Market Segment

U.K.

Clostridium Test Volume and Diagnostics Sales Forecast by Market Segment

U.K.

Coronavirus Test Volume and Diagnostics Sales Forecast by Market Segment

U.K.

CoxsackieVirus Test Volume and Diagnostics Sales Forecast by Market Segment

U.K.

Cryptosporidium Test Volume and Diagnostics Sales Forecast by Market Segment

U.K.

Cyclospora Test Volume and Diagnostics Sales Forecast by Market Segment

U.K.

CMV Test Volume and Diagnostics Sales Forecast by Market Segment

U.K.

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

U.K.

Echovirus Test Volume and Diagnostics Sales Forecast by Market Segment

U.K.

Encephalitis Test Volume and Diagnostics Sales Forecast by Market Segment

U.K.

Enterovirus Test Volume and Diagnostics Sales Forecast by Market Segment

U.K.

EBV Test Volume and Diagnostics Sales Forecast by Market Segment

U.K.

Giardia Test Volume and Diagnostics Sales Forecast by Market Segment

U.K.

Gonorrhea Test Volume and Diagnostics Sales Forecast by Market Segment

#### <u>List of Tables</u> (continued)

U.K.

Granuloma Inguinale Test Volume and Diagnostics Sales Forecast by Market Segment

U.K.

Helicobacter Pylori Test Volume and Diagnostics Sales Forecast by Market Segment

U.K.

HAV NAT Test Volume and Diagnostics Sales Forecast by Market Segment

U.K.

HBV NAT Test Volume and Diagnostics Sales Forecast by Market Segment

U.K.

HbsAg Test Volume and Diagnostics Sales Forecast by Market Segment

U.K.

HCV Test Volume and Diagnostics Sales Forecast by Market Segment

U.K.

HCV NAT Test Volume and Diagnostics Sales Forecast by Market Segment

U.K.

Hepatitis C Test Volume and Diagnostics Sales Forecast by Market Segment

U.K.

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

U.K.

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

U.K.

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

**List of Tables** (continued)

U.K.

Hepatitis Delta Test Volume and Diagnostics Sales Forecast by Market Segment

U.K.

HBcAg Test Volume and Diagnostics Sales Forecast by Market Segment

U.K.

HBeAg Test Volume and Diagnostics Sales Forecast by Market Segment

U.K.

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

U.K.

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

U.K.

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

U.K.

Influenza Test Volume and Diagnostics Sales Forecast by Market Segment

U.K.

Legionella Test Volume and Diagnostics Sales Forecast by Market Segment

U.K.

Lyme Disease Test Volume and Diagnostics Sales Forecast by Market Segment

U.K.

Lymphogranuloma Test Volume and Diagnostics Sales Forecast by Market Segment

U.K.

Malaria Test Volume and Diagnostics Sales Forecast by Market Segment

#### U.K.

Measles Test Volume and Diagnostics Sales Forecast by Market Segment

**<u>List of Tables</u>** (continued)

#### U.K.

Meningitis Test Volume and Diagnostics Sales Forecast by Market Segment

#### U.K.

Microsporidium Test Volume and Diagnostics Sales Forecast by Market Segment

#### U.K.

Mononucleosis Test Volume and Diagnostics Sales Forecast by Market Segment

#### U.K.

Mumps Test Volume and Diagnostics Sales Forecast by Market Segment

#### U.K.

Mycoplasma Test Volume and Diagnostics Sales Forecast by Market Segment

#### U.K.

Papilloma Virus Test Volume and Diagnostics Sales Forecast by Market Segment

#### U.K.

Parvovirus Test Volume and Diagnostics Sales Forecast by Market Segment

#### U.K.

Pneumonia Test Volume and Diagnostics Sales Forecast by Market Segment

#### U.K.

Polyomaviruses Test Volume and Diagnostics Sales Forecast by Market Segment

#### U.K.

Pseudomonas Test Volume and Diagnostics Sales Forecast by Market Segment

#### U.K.

Rabies Test Volume and Diagnostics Sales Forecast by Market Segment

#### **List of Tables** (continued)

U.K.

RSV Test Volume and Diagnostics Sales Forecast by Market Segment

U.K.

Rhinovirus Test Volume and Diagnostics Sales Forecast by Market Segment

U.K.

Rotavirus Test Volume and Diagnostics Sales Forecast by Market Segment

U.K.

Rubella Test Volume and Diagnostics Sales Forecast by Market Segment

U.K.

Salmonella Test Volume and Diagnostics Sales Forecast by Market Segment

U.K.

Septicemia Test Volume and Diagnostics Sales Forecast by Market Segment

U.K.

Shigella Test Volume and Diagnostics Sales Forecast by Market Segment

U.K.

Staphylococci Test Volume and Diagnostics Sales Forecast by Market Segment

U.K.

Streptococci Test Volume and Diagnostics Sales Forecast by Market Segment

U.K.

# Syphilis Test Volume and Diagnostics Sales Forecast by Market Segment

#### **<u>List of Tables</u>** (continued)

U.K.

Toxoplasmosis Test Volume and Diagnostics Sales Forecast by Market Segment

U.K.

Trichomonas Test Volume and Diagnostics Sales Forecast by Market Segment

U.K.

Tuberculosis Test Volume and Diagnostics Sales Forecast by Market Segment

U.K.

Vibrio Test Volume and Diagnostics Sales Forecast by Market Segment

U.K.

West Nile Test Volume and Diagnostics Sales Forecast by Market Segment

U.K.

Yersinia Test Volume and Diagnostics Sales Forecast by Market Segment

U.K.

AIDS Testing Market Diagnostics Sales by Major Supplier

U.K.

Campylobacter Testing Market Diagnostics Sales by Major Supplier

U.K.

Candida Testing Market Diagnostics Sales by Major Supplier

U.K.

Gonorrhea Testing Market Diagnostics Sales by

#### **<u>List of Tables</u>** (continued)

U.K.

Hepatitis Testing Market Diagnostics Sales by Major Supplier

U.K.

Hepatitis C Testing Market Diagnostics Sales by Major Supplier

U.K.

Influenza Testing Market Diagnostics Sales by Major Supplier

U.K.

Mycoplasma Testing Market Diagnostics Sales by Major Supplier

U.K.

Pneumonia Testing Market Diagnostics Sales by Major Supplier

U.K.

RSV Testing Market Diagnostics Sales by Major Supplier

U.K.

Rubella Testing Market Diagnostics Sales by Major Supplier

U.K.

Septicemia Testing Market Diagnostics Sales by Major Supplier

U.K.

Shigella Testing Market Diagnostics Sales by Major Supplier

U.K.

Streptococci Testing Market Diagnostics Sales by Major Supplier

### <u>List of Tables</u> (continued)

U.K.

Syphilis Testing Market Diagnostics Sales by Major Supplier

U.K.

Tuberculosis Testing Market Diagnostics Sales by Major Supplier