

Table of Contents



Thousands of corporations worldwide are relying on our market intelligence, expert analysis, and strategic insight, critical to the development and implementation of effective business, R&D and marketing programs.

www.LeadingMarketResearch.com

www.VPGMarketResearch.com

reports@vpgcorp.com

+1 212 564 2838

Table of Contents

I. Introduction

II. Worldwide Market and Technology Overview

- A. *Clinical Significance and Laboratory Practices*
- B. *Instrumentation Review And Market Needs*
 - 1. *Abbott AxSYM*
 - 2. *Abbott Architect c4000*
 - 3. *Abbott Architect i2000 Series*
 - 4. *Abbott Architect ci8200 System*
 - 5. *Beckman Coulter UniCel Series*
 - 6. *Beckman Coulter Access*
 - 7. *Binding Site ESP600*
 - 8. *bioMerieux Mini Vidas*
 - 9. *Carolina Chemistries BioLis 24i*
 - 10. *DiaSorin Liaison*
 - 11. *Horiba ABX Pentra 400*
 - 12. *Inverness DS2*
 - 13. *J&J Vitros ECi/ECiQ*
 - 14. *J&J Vitros 3600*
 - 15. *J&J Vitros 5600*
 - 16. *Olympus AU5400*
 - 17. *Olympus AU3000i*
 - 18. *Olympus AU2700*
 - 19. *Roche Modular Analytics*
 - 20. *Roche Cobas Integra 400*
 - 21. *Roche Cobas Integra 400 Plus*
 - 22. *Roche Elecsys*
 - 23. *Roche Cobas c311*
 - 24. *Siemens ADVIA Centaur*
 - 25. *Siemens Dimension*
 - 26. *Siemens Dimension RxL Max*
 - 27. *Siemens Dimension Vista 500*
 - 28. *Siemens Immulite*

Table of Contents (continued)

- 29. *Siemens Stratus*
- 30. *Tosoh AIA-Series*
- 31. *Vital Diagnostics ATAC 8000*
- 32. *Vital Diagnostics Envoy 500*
- C. *Current and Emerging Technologies*
 - 1. *Monoclonal and Polyclonal Antibodies*
 - 2. *Immunoassays*
 - a. *Technological Principle*
 - b. *Radioimmunoassay (RIA)*
 - c. *Enzyme Immunoassays (EIA)*
 - *Overview*
 - *ELISA*
 - *Immunofiltration*
 - *Particle-Membrane Capture Immunoassay*
 - *Enzyme Amplification*
 - d. *Fluorescent Immunoassays*
 - e. *Luminescence*
 - *Chemiluminescence*
 - *Bioluminescence*
 - f. *Latex Agglutination*
 - g. *Immunoprecipitation*
 - H. *Affinity Chromatographu*
 - e. *Liposome Flow-Injection Immunoassay*
 - 3. *Molecular Diagnostics*
 - a. *Technology Overview*
 - b. *Amplification Methods*
 - *PCR*
 - *DAP-PCR*
 - *Immuno-PCR*
 - *QC-PCR*
 - *CAR*
 - *DNA*
 - *HPA*
 - *LCR*
 - *NASBA*
 - *QBR*
 - *SDA*
 - *3 SR, and others*
 - 4. *Chromosome Analysis*
 - a. *Chronic Myelogenous Leukemia (CML)*
 - b. *Acute Myeloid Leukemia (AML)*

Table of Contents (continued)

- c. Acute Lymphoblastic Leukemia (ALL)
 - d. Malignant Lymphomas
Lymphoid Malignancies
 - e. Chronic Lymphocytic Leukemia (CLL)
 - f. Solid Cancers
 - g. Chromosomal Translocation and Oncogenes
 - 5. Artificial Intelligence
 - 6. Flow Cytometry
 - 7. Two Dimensional Gel Electrophoresis (2-DGE)
 - 8. Biosensors
 - 9. Competing/Complementing Technologies
 - a. CT
 - b. MRI
 - c. NMR
 - d. PET
 - e. Photonics Spectroscopy
 - E. Personal Testing
- III. France: Market Size, Growth and Major Suppliers'
Sales and Market Shares
- IV. Germany: Market Size, Growth and Major Suppliers'
Sales and Market Shares
- V. Italy: Market Size, Growth and Major Suppliers'
Sales and Market Shares
- VI. Japan: Market Size, Growth and Major Suppliers'
Sales and Market Shares
- VII. Spain: Market Size, Growth and Major Suppliers'
Sales and Market Shares
- VIII. U.K.: Test Volume and Diagnostics Sales Forecast
by Market Segment
- IX. U.S.A.: Market Size, Growth and Major Suppliers'
Sales and Market Shares

Table of Contents (continued)

X. Design Criteria for Decentralized Testing Products

XI. Alternative Market Penetration Strategies

- A. Internal Development
- B. Collaborative Arrangements
- C. University Contracts
- D. Distribution Strategies
 - 1. Marketing Approaches
 - 2. Product Complexity
 - 3. Customer Preference
 - 4. Established Suppliers
 - 5. Emerging Suppliers
 - 6. Major Types of Distributors
 - 7. Market Segmentation Factor

XII. 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

XIII. Competitive Profiles

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

Table of Contents (continued)

- *DiaSorin*
- *Eiken Chemical*
- *Elitech Group*
- *Enzo Biochem*
- *Fujirebio*
- *Grifols*
- *GSK Biologicals*
- *Hologic*
- *Leica Biosystems*
- *Lonza*
- *Ortho-Clinical Diagnostics*
- *Perkin Elmer*
- *Qiagen*
- *Roche*
- *Scienion*
- *Sequenom*
- *SeraCare*
- *Siemens Healthineers*
- *Takara Bio*
- *Thermo Fisher*
- *Wako*