

US Flow Cytometry Reagents and Analyzers: Supplier Shares and Strategies, Volume and Sales Segment Forecasts, Technology and Instrumentation Review, Emerging Opportunities

https://marketpublishers.com/r/UD9D62FCCBC1EN.html

Date: November 2019 Pages: 147 Price: US\$ 4,500.00 (Single User License) ID: UD9D62FCCBC1EN

Abstracts

This report contains 147 pages, 17 tables and presents a comprehensive analysis of the US flow cytometry market, including:

Major issues pertaining to the US flow cytometry practice, as well as key economic, regulatory, demographic, social and technological trends with significant market impact during the next five years.

Five-year volume and sales forecasts for major flow cytometry tests performed in US hospitals and commercial laboratories.

Annual placements and installed base of major flow cytometers.

Review of current instrumentation technologies and a feature comparison of leading systems.

Five-year reagent and instrument sales forecasts.

Sales and market shares of leading reagent and instrument suppliers.

Review of current and emerging diagnostic technologies, and their potential market applications.

Product development opportunities for new instruments, consumables, and



auxiliary products.

Profiles of current and emerging suppliers, including their sales, product portfolios, marketing tactics, technological know-how, new products in R&D, collaborative arrangements, and corporate strategies.

Business opportunities and strategic recommendations for suppliers.

Contains 174 pages and 17 tables



Contents

I. INTRODUCTION

II. WORLDWIDE MARKET AND TECHNOLOGY OVERVIEW

- A. Major Flow Cytometry Applications
 - 1. Cell Surface Markers
 - a. Lymphocyte Subclassification CD4/CD8
 - Instrumentation and Reagent Test Kits
 - BD FACS Count
 - **Beckman Coulter VCS**
 - T Cells Diagnostics TRAx
 - b. Other Cell Markers
 - 2. DNA Content Analysis
 - 3. RNA Content Analysis
 - 4. Chemotherapy Monitoring
 - 5. Cell Cycle Analysis
 - 6. Reticulocytes
 - 7. Chromosome Analysis
 - 8. Fetal Cell Analysis
 - 9. HLA Typing
 - 10. Microbiology
 - 11. Protein Content Analysis
 - 12. Multiparameter Analysis
 - 13. Other Applications
- B. Instrumentation Review
 - a. Introduction
 - b. System Overview
 - BD FACSadvantage
 - BD FACSAria III
 - **BD FACSCalibur**
 - **BD FACScan**
 - BD FACSCanto II
 - **BD FACSCount**
 - **BD FACSort**
 - **BD FACStar Series**
 - BD FACStrak
 - **BD FACS Vantage**

US Flow Cytometry Reagents and Analyzers: Supplier Shares and Strategies, Volume and Sales Segment Forecasts,...



BD Influx

Beckman Coulter Epics C

Beckman Coulter Epics Elite Analyzer

Beckman Coulter Epics Elite ESP

Beckman Coulter Epics Profile

Beckman Coulter Epics XL

Beckman Coulter FC 500 Series

Beckman Coulter Vi-CELL XR

C. Current Market Needs and Future Demand for Hematology Analyzers

- D. Reagents and Controls
- E. Current and Emerging Technologies
- 1. Information Technologies
- 2. Automation and Robotics
- 3. Lasers
- 4. Artificial Intelligence
- 5. Monoclonal Antibodies
- 6. Molecular Diagnostics
- 7. Microdrop Technology

III. U.S.

- A. Executive Summary
- **B.** Business Environment
 - 1. Health Care Expenditures
 - 2. Cost Consciousness
 - 3. Reimbursement
 - 4. Industry Consolidation
 - 5. Managed Care
 - a. HMO
 - b. PPO
 - 6. Hospitals
 - 7. Admissions
 - 8. Length of Stay
 - 9. Industry Diversification
 - 10. Physician Demographics
 - 11. Population Aging
 - a. Chronic Illness
 - b. Disease Incidence
 - c. Susceptibility to latrogenesis



d. Multiple Illness Cases

12. Laboratory Regulations

C. Market Structure

D. Market Size, Growth and Major Suppliers' Instrument Placements, Installed Base,

Sales and Market Share

IV. MAJOR PRODUCT DEVELOPMENT OPPORTUNITIES

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

V. DESIGN CRITERIA FOR DECENTRALIZED TESTING PRODUCTS

VI. ALTERNATIVE MARKET PENETRATION STRATEGIES

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

VII. 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



VIII. COMPETITIVE ASSESSMENTS

Abbott Agilent Technologies Beckman Coulter/Danaher Becton Dickinson Bio-Rad Horiba Iris Diagnostics/Danaher Nihon Kohden Ortho-Clinical Diagnostics Roche Siemens Sysmex

IX. APPENDIX: MAJOR UNIVERSITIES AND RESEARCH CENTERS DEVELOPING HEMATOLOGY/FLOW CYTOMETRY TECHNOLOGIES AND APPLICATIONS



List Of Tables

LIST OF TABLES

U.S., Laboratories Performing Hematology/Flow Cytometry Tests By Market Segment

U.S., Hospital Laboratories Performing Hematology/Flow Cytometry Tests By Bed Size

U.S., Commercial/Private Laboratories Performing Hematology/Flow Cytometry Tests By Annual Test Volume

U.S., Physician Offices/Group Practices Performing Hematology/Flow Cytometry Tests By Practice Size

U.S., Total Flow Cytometry and Special Hematology Specimen Volume Forecast By Market Segment

U.S., Total Flow Cytometry and Special Hematology Specimen Volume Forecast

U.S., All Market Segments Flow Cytometry and Special Hematology Test Volume Forecast

U.S., Hospital Laboratories, Flow Cytometry and Special Hematology Test Volume Forecast

U.S., Commercial/Private Laboratories, Flow Cytometry And Special Hematology Test Volume Forecast

U.S., Physician Office Laboratories, Flow Cytometry And Special Hematology Test Volume Forecast

- U.S., Major Flow Cytometers, Estimated Placements and Installed Base
- U.S., Total Flow Cytometry Diagnostics Market Forecast By Market Segment
- U.S., Flow Cytometry Instrument Market Forecast By Market Segment
- U.S., Flow Cytometry Consumable Market Forecast By Market Segment
- U.S., Total Flow Cytometry Diagnostics Market By Major Supplier
- U.S., Total Flow Cytometry Instrument Market By Major Supplier
- U.S., Total Flow Cytometry Consumables Market By Major Supplier



I would like to order

Product name: US Flow Cytometry Reagents and Analyzers: Supplier Shares and Strategies, Volume and Sales Segment Forecasts, Technology and Instrumentation Review, Emerging Opportunities

Product link: https://marketpublishers.com/r/UD9D62FCCBC1EN.html

Price: US\$ 4,500.00 (Single User License / Electronic Delivery) If you want to order Corporate License or Hard Copy, please, contact our Customer Service: info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <u>https://marketpublishers.com/r/UD9D62FCCBC1EN.html</u>

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

Custumer signature __

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

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