

US Hematology and Flow Cytometry Markets: Innovative Technologies and Emerging Business Opportunities

<https://marketpublishers.com/r/U6D78C454F9EN.html>

Date: December 2012

Pages: 275

Price: US\$ 7,600.00 (Single User License)

ID: U6D78C454F9EN

Abstracts

This report contains 275 pages, 42 tables and presents a comprehensive analysis of the US hematology and flow cytometry markets, including:

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

Five- and ten-year volume and sales forecasts for major hematology and flow cytometry tests, performed in US hospitals, commercial laboratories, physician offices and ambulatory care centers.

Annual placements and installed base estimates for major automated and semiautomated hematology analyzers and flow cytometers.

Review of current instrumentation technologies, and a feature comparison of over 60 high-, medium-, and low-volume/POC analyzers.

Five- and ten-year reagent and instrument sales forecasts.

Sales and market shares of leading reagent and instrument suppliers.

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

Product development opportunities for instruments, consumables, and auxiliary

products.

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

Business opportunities and strategic recommendations for suppliers.

Contains 275 pages and 42 tables

Contents

I. INTRODUCTION

II. WORLDWIDE MARKET AND TECHNOLOGY OVERVIEW

A. Major Routine and Special Hematology Tests

1. Introduction
2. CBC Analysis
 - a. Hemoglobin Concentration
 - b. Hematocrit Determination
 - c. Red Blood Cell Count
 - d. Red Cell Indices
 - MCV
 - RDW
 - MCHC
 - CHCM
 - HDW
 - MCH
 - e. Red Cell Size Histograms
 - f. Platelets
 - Platelet Count
 - Platelet Size/MPV
 - PDW
 - Automated Systems
 - g. Reticulocytes
3. White Blood Cell Analysis
 - a. WBC Count
 - b. Five-Partial Differential Major Suppliers
 - Abbott
 - Beckman Coulter/Danaher
 - Siemens
 - Sysmex
 - c. Pattern Recognition Systems
 - IRIS
 - d. Comparison of Major Differential Analyzers
4. Reticulocytes
5. Platelet Function Tests
6. Erythrocyte Sedimentation Rate/CRP

7. Red Cell Analysis
 8. 2, 3 DPG
 9. Red Cell Deformability
 10. Neutrophil Function Tests
 11. Semen Analysis
 12. Bone Marrow Analysis
 13. Urinalysis
- B. Major Flow Cytometry Applications**
1. Cell Surface Markers
 - a. Lymphocyte Subclassification CD4/CD8
Instrumentation and Reagent Test Kits
BD
Beckman Coulter/Danaher
T Cells Diagnostics
 - b. Other Cell Markers
 2. DNA Content Analysis
 3. RNA Content Analysis
 4. Chemotherapy Monitoring
 5. Cell Cycle Analysis
 6. Chromosome Analysis
 7. Fetal Cell Analysis
 8. HLA Typing
 9. Microbiology
 10. Protein Content Analysis
 11. Multiparameter Analysis
 12. Other Applications
- C. Instrumentation Review**
1. Hematology Analyzers
 - a. Overview
Electrical Aperture-Impedance Analyzers
Light Scatter Analyzers
 - b. System Review
Abbott
Beckman Coulter/Danaher
Biocode Hycel
Drew-Scientific
Horiba
Menarini

- Nihon Kohden
- Siemens
- Sysmex
- 2. Flow Cytometers
 - a. Introduction
 - b. System Overview
 - Becton Dickinson
 - Beckman Coulter/Danaher
- 3. Platelet Aggregometers
- 4. Sedimentation Rate Analyzers
 - Diesse Ves Matic
 - Polymedco
- D. Current Market Needs and Future Demand For Hematology Analyzers
- E. Reagents and Controls
- F. 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

IX. 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 Iatrogenesis
 - d. Multiple Illness Cases
- 12. Laboratory Regulations
- C. Market Structure
- D. Market Size, Growth and Major Suppliers' Instrument Placements, Installed Base, Sales and Market Shares

X. MAJOR PRODUCT DEVELOPMENT OPPORTUNITIES

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

XI. DESIGN CRITERIA FOR DECENTRALIZED TESTING PRODUCTS

XII. 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

XIII. 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

XIV. COMPETITIVE ASSESSMENTS

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

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

List Of Tables

LIST OF TABLES

Summary Table I: U.S., All Market Segments, Total Hematology and Flow Cytometry Specimen Volume Forecast

Summary Table II: U.S., All Market Segments, Total Hematology and Flow Cytometry Test Volume Forecast

Summary Table III: U.S., All Market Segments, Total Hematology and Flow Cytometry Market Forecast

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

U.S., Hospital Laboratories Performing Hematology and 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 Annual Test Volume

U.S., Total Routine Hematology Specimen Volume Forecast By Market Segment

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

U.S., Hospital Laboratories, Hematology And Flow Cytometry Specimen Volume Forecast

U.S., Physician Offices/Group Practices, Hematology And Flow Cytometry Specimen Volume Forecast

U.S., Commercial/Private Laboratories, Hematology and Flow Cytometry Specimen Volume Forecast

U.S., Total Routine Hematology Test Volume Forecast By Market Segment

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

U.S., All Market Segments, Total Routine Hematology Test Volume Forecast

U.S., Hospital Laboratories, Routine Hematology Test Volume Forecast

U.S., Commercial/Private Laboratories, Routine Hematology Test Volume Forecast

U.S., Physician Office Laboratories, Routine Hematology Test 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 Hematology Analyzers, Estimated Placements and Installed Base

U.S., Major Flow Cytometers, Estimated Placements and Installed Base

U.S., Total Hematology Market By Market Segment Forecast

U.S., Hematology Instrument Market By Markets Segment Forecast

U.S., Hematology Consumable Market By Market Segment Forecast

U.S., Total Flow Cytometry Market Forecast By Market Segment

U.S., Flow Cytometry Consumable Market Forecast By Market Segment

U.S., Flow Cytometry Instrument Market Forecast By Market Segment

U.S., Total Hematology Market By Major Supplier

U.S., Hematology Instrument Market By Major Supplier

U.S., Hematology Consumable Market By Major Supplier

U.S., Total Flow Cytometry Market By Major Supplier

U.S., Total Flow Cytometry Consumable Market By Major Supplier

U.S., Total Flow Cytometry Instrument Market By Major Supplier

I would like to order

Product name: US Hematology and Flow Cytometry Markets: Innovative Technologies and Emerging Business Opportunities

Product link: <https://marketpublishers.com/r/U6D78C454F9EN.html>

Price: US\$ 7,600.00 (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 <https://marketpublishers.com/r/U6D78C454F9EN.html>

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**

Customer signature _____

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

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

