









MEDICAL DEVICES

PHARMACEUTICALS

CHEMICALS

FOOD & BEVERAGE

ELECTRONICS

HEMATOLOGY AND FLOW CYTOMETRY MARKETS: US, Europe, Japan Emerging Opportunities and Business Expansion Strategies

Table of Contents and List of Tables

Copyright 2012VENTURE 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

VPG Partner Reports www.Research-Store.com/VPG

VENTURE PLANNING GROUP 545 Eighth Avenue, Suite 401 New York, NY 10018 Phone + 1 212 564 2838 Fax + 1 212 564 8133 *info@vpgcorp.com*

HEMATOLOGY AND FLOW CYTOMETRY MARKETS: US, EUROPE, JAPAN Emerging Opportunities And Business Expansion Strategies

Table of 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

G. Worldwide Market Overview

- 1. Business Environment
- 2. Market Structure
- 3. Market Size and Growth

III. France

- A. Executive Summary
- B. Business Environment
- C. Market Structure
- D. Market Size, Growth and Major Suppliers' Instrument Placements, Installed Base, Sales and Market Shares

IV. Germany

- A. Executive Summary
- B. Business Environment
- C. Market Structure
- D. Market Size, Growth and Major Suppliers' Instrument Placements, Installed Base, Sales and Market Shares

V. <u>Italy</u>

- A. Executive Summary
- B. Business Environment
- C. Market Structure
- D. Market Size, Growth and Major Suppliers' Instrument Placements, Installed Base, Sales and Market Shares

VI. <u>Japan</u>

- A. Executive Summary
- B. Business Environment
- C. Market Structure
- D. Market Size, Growth and Major Suppliers' Instrument Placements, Installed Base, Sales and Market Shares

VII. <u>Spain</u>

- A. Executive Summary
- B. Business Environment
- C. Market Structure
- D. Market Size, Growth and Major Suppliers' Instrument Placements, Installed Base, Sales and Market Shares

VIII. <u>U.K.</u>

- A. Executive Summary
- B. Business Environment
- C. Market Structure
- D. Market Size, Growth and Major Suppliers' Instrument Placements, Installed Base, Sales and Market Shares

IX. <u>U.S.</u>

- 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 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

Worldwide, All Market Segments, Laboratories Performing Hematology/Flow Cytometry Tests By Country

Worldwide, All Market Segments, Total Routine Hematology Specimen Volume By Country

Worldwide, All Market Segments, Total Flow Cytometry and Special Hematology Specimen Volume By Country

Worldwide, All Market Segments, Total Routine Hematology and Special Hematology Test Volume By Country

Worldwide, All Market Segments, Total Flow Cytometry And Special Hematology Test Volume By Country

Worldwide, All Market Segments, Total Hematology Market By Country

Worldwide, All Market Segments, Total Flow Cytometry Market By Country

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

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

Summary Table III: France, All Market Segments Total Hematology and Flow Cytometry Market Forecast

France, Laboratories Performing Hematology and Flow Cytometry Testing By Market Segment

France, All Market Segments, Total Hematology And Flow Cytometry Specimen Volume

France, All Market Segments, Total Hematology and Flow Cytometry Test Volume

France, Hospital Laboratories Performing Hematology and Flow Cytometry Tests By Bed Size

France, Commercial/Private Laboratories Performing Hematology and Flow Cytometry Tests By Annual Test Volume

France, Total Routine Hematology Specimen Volume By Market Segment

France, Total Flow Cytometry and Special Hematology Specimen Volume By Market Segment

France, Hospital Laboratories, Hematology and Flow Cytometry Specimen Volume Forecast

France, Commercial/Private Laboratories Hematology and Flow Cytometry Specimen Volume Forecast

France, Total Routine Hematology Test Volume Forecast By Market Segment

France, Total Flow Cytometry and Special Hematology Test Volume By Market Segment

France, All Market Segments, Total Routine Hematology Test Volume Forecast

France, Hospital Laboratories, Routine Hematology Test Volume Forecast

France, Commercial/Private Laboratories, Routine Hematology Test Volume Forecast

France, All Market Segments, Total Flow Cytometry and Special Hematology Test Volume Forecast

France, Hospital Laboratories, Flow Cytometry And Special Hematology Test Volume Forecast

France, Commercial/Private Laboratories, Flow Cytometry And Special Hematology Test Volume Forecast

France, Major Hematology Analyzers, Estimated Placements and Installed Base

France, Major Flow Cytometers, Estimated Placements and Installed Base

France, Total Hematology Market Forecast By Market Segment

France, Hematology Consumable Market Forecast By Market Segment

France, Hematology Instrument Market Forecast By Market Segment

France, Total Flow Cytometry Market Forecast By Market Segment

France, Flow Cytometry Consumable Market Forecast By Market Segment

France, Flow Cytometry Instrument Market Forecast By Market Segment

France, Total Hematology Market By Major Supplier

France, Hematology Consumable Market By Major Supplier

France, Hematology Instrument Market By Major Supplier

France, Total Flow Cytometry Market By Major Supplier

France, Flow Cytometry Consumable Market By Major Supplier

France, Flow Cytometry Instrument Market By Major Supplier

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

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

Summary Table III: Germany, All Market Segments Total Hematology and Flow Cytometry Market Forecast

Germany, Laboratories Performing Hematology and Flow Cytometry Testing By Market Segment

Germany, Hospital Laboratories Performing Hematology and Flow Cytometry Tests By Bed Size

Germany, Commercial/Private Laboratories Performing Hematology and Flow Cytometry Tests By Annual Test Volume

Germany, Physician Office Laboratories Performing Hematology and Flow Cytometry Tests By Annual Test Volume

Germany, Total Routine Hematology Specimen Volume Forecast By Market Segment

Germany, Total Flow Cytometry and Special Hematology Specimen Volume Forecast By Market Segment

Germany, Hospital Laboratories, Hematology And Flow Cytometry Specimen Volume Forecast

Germany, Commercial/Private Laboratories Hematology and Flow Cytometry Specimen Volume Forecast

Germany, Total Routine Hematology Test Volume Forecast By Market Segment

Germany, Total Flow Cytometry and Special Hematology Test Volume Forecast By Market Segment

Germany, All Market Segments, Total Routine Hematology Test Volume Forecast

Germany, Hospital Laboratories, Routine Hematology Test Volume Forecast

Germany, Commercial/Private Laboratories, Routine Hematology Test Volume Forecast

Germany, Physician Office Laboratories, Routine Hematology Test Volume Forecast

Germany, All Market Segments, Total Flow Cytometry and Special Hematology Test Volume Forecast

Germany, Hospital Laboratories, Flow Cytometry And Special Hematology Test Volume Forecast

Germany, Commercial/Private Laboratories, Flow Cytometry and Special Hematology Test Volume Forecast

Germany, Major Hematology Analyzers, Estimated Placements and Installed Base

Germany, Major Flow Cytometers, Estimated Placements and Installed Base

Germany, Total Hematology Market Forecast By Market Segment

Germany, Hematology Consumable Market Forecast By Market Segment

Germany, Hematology Instrument Market Forecast By Market Segment

Germany, Total Flow Cytometry Market Forecast By Market Segment

Germany, Flow Cytometry Consumable Market Forecast By Market Segment

Germany, Flow Cytometry Instrument Market Forecast By Market Segment

Germany, Total Hematology Market By Major Supplier

Germany, Hematology Consumable Market By Major Supplier

Germany, Hematology Instrument Market By Major Supplier

Germany, Total Flow Cytometry Market By Major Supplier

Germany, Flow Cytometry Consumable Market By Major Supplier

Germany, Flow Cytometry Instrument Market By Major Supplier

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

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

Summary Table III: Italy, All Market Segments, Total Hematology and Flow Cytometry Market Forecast

Italy, Laboratories Performing Hematology and Flow Cytometry Testing By Market Segment

Italy, Hospital Laboratories Performing Hematology and Flow Cytometry Tests By Bed Size

Italy, Commercial/Private Laboratories Performing Hematology and Flow Cytometry Tests By Annual Test Volume

Italy, Total Routine Hematology Specimen Volume By Market Segment

Italy, Total Flow Cytometry and Special Hematology Specimen Volume Forecast By Market Segment

Italy, Hospital Laboratories, Hematology and Flow Cytometry Specimen Volume Forecast

Italy, Commercial/Private Laboratories, Hematology and Flow Cytometry Specimen Volume Forecast

Italy, Total Routine Hematology Test Volume Forecast By Market Segment

Italy, Total Flow Cytometry and Special Hematology Test Volume Forecast By Market Segment

Italy, All Market Segments, Total Routine Hematology Test Volume Forecast

Italy, Hospital Laboratories, Routine Hematology Test Volume Forecast

Italy, Commercial/Private Laboratories, Routine Hematology Test Volume Forecast

Italy, All Market Segments, Total Flow Cytometry and Special Hematology Test Volume Forecast

Italy, Hospital Laboratories, Flow Cytometry And Special Hematology Test Volume Forecast

Italy, Commercial/Private Laboratories, Flow Cytometry And Special Hematology Test Volume Forecast

Italy, Major Hematology Analyzers, Estimated Placements and Installed Base

Italy, Major Flow Cytometers, Estimated Placements and Installed Base

Italy, Total Hematology Market Forecast By Market Segment

Italy, Hematology Consumable Market Forecast By Market Segment

Italy, Hematology Instrument Market Forecast By Market Segment

Italy, Total Flow Cytometry Market Forecast By Market Segment

Italy, Flow Cytometry Instrument Market Forecast By Market Segment

Italy, Flow Cytometry Consumable Market Forecast By Market Segment

Italy, Total Hematology Market By Major Supplier

Italy, Hematology Consumable Market By Major Supplier

Italy, Hematology Instrument Market By Major Supplier

Italy, Total Flow Cytometry Market By Major Supplier

Italy, Flow Cytometry Consumable Market By Major Supplier

Italy, Flow Cytometry Instrument Market By Major Supplier

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

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

Summary Table III: Japan, All Market Segments, Total Hematology and Flow Cytometry Market Forecast

Japan, Laboratories Performing Hematology and Flow Cytometry Testing By Market Segment

Japan, Hospital Laboratories Performing Hematology/Flow Cytometry Tests By Bed Size

Japan, Commercial/Private Laboratories Performing Hematology/Flow Cytometry Tests By Annual Test Volume

Japan, Total Routine Hematology Specimen Volume Forecast By Market Segment

Japan, Total Flow Cytometry and Special Hematology Specimen Volume Forecast By Market Segment

Japan, Hospital Laboratories, Hematology And Flow Cytometry Specimen Volume Forecast

Japan, Commercial/Private Laboratories, Hematology and Flow Cytometry Specimen Volume Forecast

Japan, Total Routine Hematology Test Volume Forecast By Market Segment

Japan, Total Flow Cytometry and Special Hematology Test Volume Forecast By Market Segment

Japan, All Market Segments, Total Routine Hematology Test Volume Forecast

Japan, Hospital Laboratories, Routine Hematology Test Volume Forecast

Japan, Commercial/Private Laboratories Routine Hematology Test Volume Forecast

Japan, All Market Segments, Total Flow Cytometry and Special Hematology Test Volume Forecast

Japan, Hospital Laboratories, Flow Cytometry and Special Hematology Test Volume Forecast

Japan,Commercial/Private Laboratories,Flow Cytometry And Special Hematology Test Volume Forecast

Japan, Major Hematology Analyzers, Estimated Placements and Installed Base

Japan, Major Flow Cytometers, Estimated Placements and Installed Base

Japan, Total Hematology Market Forecast By Market Segment

Japan, Hematology Instrument Market Forecast By Market Segment

Japan, Hematology Consumable Market Forecast By Market Segment

Japan, Total Flow Cytometry Market Forecast By Market Segment

Japan, Flow Cytometry Consumable Market Forecast By Market Segment

Japan, Flow Cytometry Instrument Market Forecast By Market Segment

Japan, Total Hematology Diagnostics Market By Major Supplier

Japan, Hematology Instrument Market By Major Supplier

Japan, Hematology Consumable Market By Major Supplier

Japan, Total Flow Cytometry Market By Major Supplier

Japan, Total Flow Cytometry Consumables Market By Major Supplier

Japan, Total Flow Cytometry Instrument Market By Major Supplier

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

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

Summary Table III: Spain, All Market Segments, Total Hematology and Flow Cytometry Market Forecast

Spain, Laboratories Performing Hematology and Flow Cytometry Testing By Market Segment

Spain, Hospital Laboratories Performing Hematology/Flow Cytometry Tests By Bed Size

Spain, Commercial/Private Laboratories Performing Hematology and Flow Cytometry Tests By Annual Test Volume

Spain, Total Routine Hematology Specimen Volume Forecast By Market Segment

Spain, Total Flow Cytometry and Special Hematology Specimen Volume Forecast By Market Segment

Spain, Hospital Laboratories, Hematology And Flow Cytometry Specimen Volume Forecast

Spain, Ambulatory Care Centers, Hematology And Flow Cytometry Specimen Volume Forecast

Spain, Commercial/Private Laboratories, Hematology and Flow Cytometry Specimen Volume Forecast

Spain, Total Routine Hematology Test Volume Forecast By Market Segment

Spain, Total Flow Cytometry and Special Hematology Test Volume Forecast By Market Segment

Spain, All Market Segments, Total Routine Hematology Test Volume Forecast

Spain, Hospital Laboratories, Routine Hematology Test Volume Forecast

Spain, Ambulatory Clinic Laboratories, Routine Hematology Test Volume Forecast

Spain, Commercial/Private Laboratories, Routine Hematology Test Volume Forecast

Spain, All Market Segments, Flow Cytometry And Special Hematology Test Volume Forecast

Spain, Hospital Laboratories, Flow Cytometry And Special Hematology Test Volume Forecast

Spain, Ambulatory Care Centers, Flow Cytometry And Special Hematology Test Volume Forecast

Spain, Major Hematology Analyzers, Estimated Placements and Installed Base

Spain, Major Flow Cytometers, Estimated Placements and Installed Base

Spain, Total Hematology Market Forecast By Market Segment

Spain, Hematology Consumable Market Forecast By Market Segment

Spain, Hematology Instrument Market Forecast By Market Segment

Spain, Total Flow Cytometry Market Forecast By Market Segment

Spain, Flow Cytometry Consumable Market Forecast By Market Segment

Spain, Flow Cytometry Instrument Market Forecast By Market Segment

Spain, Total Hematology Market By Major Supplier

Spain, Hematology Consumable Market By Major Supplier

Spain, Hematology Instrument Market By Major Supplier

Spain, Total Flow Cytometry Market By Major Supplier

Spain, Hematology Consumable Market By Major Supplier

Spain, Total Flow Cytometry Market By Major Supplier

Spain, Flow Cytometry Consumable Market By Major Supplier

Spain, Flow Cytometry Instrument Market By Major Supplier

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

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

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

U.K., Laboratories Performing Hematology and Flow Cytometry Testing By Market Segment

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

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

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

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

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

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

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

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

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

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

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

U.K., Hospital Laboratories, Flow Cytometry And Special Hematology Test Volume Forecast

U.K., Major Hematology Analyzers, Estimated Placements and Installed Base

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

U.K. Total Hematology Market Forecast By Market Segment

U.K., Hematology Instrument, Market Forecast By Market Segment

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

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

U.K., Total Flow Cytometry Instrument Market Forecast By Market Segment

U.K., Total Flow Cytometry Consumable Market Forecast By Market Segment

U.K., Total Hematology Market By Major Supplier

U.K., Hematology Instrument Market By Major Supplier

U.K., Hematology Consumable Market By Major Supplier

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

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

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

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