Table of Contents and List of Tables



Over 1,000 corporations in 70 countries 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 Overview
- **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
- VI. Potential Market Entry Barriers and Risks
- VII. 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
 - c. Pattern Recognition Systems
 - d. Comparison of Major Differential Analyzers

Table of Contents (continued)

- 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/CD34
 - Instrumentation and Reagent Test Kits
 - 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. Hematology and Flow Cytometry Instrumentation Review

- 1. Hematology Analyzers
- a. Overview
 - Electrical Aperture-Impedance Analyzers
 - Light Scatter Analyzers
- b. Review of major analyzers from: Abbott, Beckman Coulter/Danaher, Bio-Rad, CellaVision, Horiba, Nihon Kohden, Sekisui Diagnostics, Siemens Healthineers, Sysmex, and other suppliers.
 - 2. Flow Cytometers
 - a. Introduction
 - b. System Overview
 - 3. Platelet Aggregometers
 - 4. Sedimentation Rate Analyzers
- D. Market Needs and Future Demand for Hematology and Flow Cytometry Analyzers

Table of Contents (continued)

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

VIII. Japan Hematology and Flow Cytometry Markets

Market Size, Test Volume and Sales Forecasts by Market Segment, Major Supplier Market Shares

IX. Competitive Assessments

The report provides strategic assessments of over leading hematology and flow cytometry market players and start-up companies with innovative technologies and products, including:

- Abbott
- Agilent Technologies
- Beckman Coulter/Danaher
- Becton Dickinson
- Bio-Rad
- CellaVision
- Horiba
- Nihon Kohden
- Ortho-Clinical Diagnostics
- Roche
- Sekisui Diagnostics
- Siemens Healthineers
- Sysmex and others

List of Tables

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

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

Japan, Total Hematology Market Forecast By Market Segment

Japan, Total Flow Cytometry Market Forecast By Market Segment

Japan, Total Hematology Diagnostics Market By Major Supplier

Japan, Total Flow Cytometry Market By Major Supplier