

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. Country Market Analyses: Hematology and Flow Cytometry Test Volume and Sales Forecasts for 17 Countries

Australia, Bangladesh, China, Hong Kong, India, Indonesia, Japan, Kazakhstan, Malaysia, Myanmar, New Zealand, Pakistan, Philippines, Singapore, South Korea, Taiwan, Thailand, Vietnam

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

Australia All Market Segments Total Hematology
and Flow Cytometry Specimen Volume Forecast

Australia All Market Segments Total Hematology
and Flow Cytometry Test Volume Forecast

Australia All Market Segments Total Hematology and
Flow Cytometry Market Forecast

Australia All Market Segments, Total Routine Hematology
Test Volume Forecast by Assay

Australia All Market Segments, Total Flow Cytometry and
Special Hematology Test Volume Forecast by Assay

Bangladesh All Market Segments Total Hematology
and Flow Cytometry Specimen Volume Forecast

Bangladesh All Market Segments Total Hematology
and Flow Cytometry Test Volume Forecast

Bangladesh All Market Segments Total Hematology and
Flow Cytometry Market Forecast

Bangladesh All Market Segments, Total Routine Hematology
Test Volume Forecast by Assay

Bangladesh All Market Segments, Total Flow Cytometry and
Special Hematology Test Volume Forecast by Assay

China All Market Segments Total Hematology
and Flow Cytometry Specimen Volume Forecast

China All Market Segments Total Hematology
and Flow Cytometry Test Volume Forecast

China All Market Segments Total Hematology and
Flow Cytometry Market Forecast

China All Market Segments, Total Routine Hematology
Test Volume Forecast by Assay

China All Market Segments, Total Flow Cytometry and
Special Hematology Test Volume Forecast by Assay

List of Tables (continued)

Hong Kong All Market Segments Total Hematology
and Flow Cytometry Specimen Volume Forecast

Hong Kong All Market Segments Total Hematology
and Flow Cytometry Test Volume Forecast

Hong Kong All Market Segments Total Hematology and
Flow Cytometry Market Forecast

Hong Kong All Market Segments, Total Routine Hematology
Test Volume Forecast by Assay

Hong Kong All Market Segments, Total Flow Cytometry and
Special Hematology Test Volume Forecast by Assay

India All Market Segments Total Hematology
and Flow Cytometry Specimen Volume Forecast

India All Market Segments Total Hematology
and Flow Cytometry Test Volume Forecast

India All Market Segments Total Hematology and
Flow Cytometry Market Forecast

India All Market Segments, Total Routine Hematology
Test Volume Forecast by Assay

India All Market Segments, Total Flow Cytometry and
Special Hematology Test Volume Forecast by Assay

Indonesia All Market Segments Total Hematology
and Flow Cytometry Specimen Volume Forecast

Indonesia All Market Segments Total Hematology
and Flow Cytometry Test Volume Forecast

Indonesia All Market Segments Total Hematology and
Flow Cytometry Market Forecast

Indonesia All Market Segments, Total Routine Hematology
Test Volume Forecast by Assay

Indonesia All Market Segments, Total Flow Cytometry and
Special Hematology Test Volume Forecast by Assay

List of Tables (continued)

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, Total Hematology Market Forecast By Market Segment

List of Tables (continued)

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

Malaysia All Market Segments Total Hematology
and Flow Cytometry Specimen Volume Forecast

Malaysia All Market Segments Total Hematology
and Flow Cytometry Test Volume Forecast

Malaysia All Market Segments Total Hematology and
Flow Cytometry Market Forecast

Malaysia All Market Segments, Total Routine Hematology
Test Volume Forecast by Assay

Malaysia All Market Segments, Total Flow Cytometry and
Special Hematology Test Volume Forecast by Assay

Myanmar All Market Segments Total Hematology
and Flow Cytometry Specimen Volume Forecast

Myanmar All Market Segments Total Hematology
and Flow Cytometry Test Volume Forecast

Myanmar All Market Segments Total Hematology and
Flow Cytometry Market Forecast

Myanmar All Market Segments, Total Routine Hematology
Test Volume Forecast by Assay

Myanmar All Market Segments, Total Flow Cytometry and
Special Hematology Test Volume Forecast by Assay

New Zealand All Market Segments Total Hematology
and Flow Cytometry Specimen Volume Forecast

New Zealand All Market Segments Total Hematology
and Flow Cytometry Test Volume Forecast

List of Tables (continued)

New Zealand All Market Segments Total Hematology and Flow Cytometry Market Forecast

New Zealand All Market Segments, Total Routine Hematology Test Volume Forecast by Assay

New Zealand All Market Segments, Total Flow Cytometry and Special Hematology Test Volume Forecast by Assay

Pakistan All Market Segments Total Hematology and Flow Cytometry Specimen Volume Forecast

Pakistan All Market Segments Total Hematology and Flow Cytometry Test Volume Forecast

Pakistan All Market Segments Total Hematology and Flow Cytometry Market Forecast

Pakistan All Market Segments, Total Routine Hematology Test Volume Forecast by Assay

Pakistan All Market Segments, Total Flow Cytometry and Special Hematology Test Volume Forecast by Assay

Philippines All Market Segments Total Hematology and Flow Cytometry Specimen Volume Forecast

Philippines All Market Segments Total Hematology and Flow Cytometry Test Volume Forecast

Philippines All Market Segments Total Hematology and Flow Cytometry Market Forecast

Philippines All Market Segments, Total Routine Hematology Test Volume Forecast by Assay

Philippines All Market Segments, Total Flow Cytometry and Special Hematology Test Volume Forecast by Assay

Singapore All Market Segments Total Hematology and Flow Cytometry Specimen Volume Forecast

Singapore All Market Segments Total Hematology and Flow Cytometry Test Volume Forecast

List of Tables (continued)

Singapore All Market Segments Total Hematology and Flow Cytometry Market Forecast

Singapore All Market Segments, Total Routine Hematology Test Volume Forecast by Assay

Singapore All Market Segments, Total Flow Cytometry and Special Hematology Test Volume Forecast by Assay

South Korea All Market Segments Total Hematology and Flow Cytometry Specimen Volume Forecast

South Korea All Market Segments Total Hematology and Flow Cytometry Test Volume Forecast

South Korea All Market Segments Total Hematology and Flow Cytometry Market Forecast

South Korea All Market Segments, Total Routine Hematology Test Volume Forecast by Assay

South Korea All Market Segments, Total Flow Cytometry and Special Hematology Test Volume Forecast by Assay

Taiwan All Market Segments Total Hematology and Flow Cytometry Specimen Volume Forecast

Taiwan All Market Segments Total Hematology and Flow Cytometry Test Volume Forecast

Taiwan All Market Segments Total Hematology and Flow Cytometry Market Forecast

Taiwan All Market Segments, Total Routine Hematology Test Volume Forecast by Assay

Taiwan All Market Segments, Total Flow Cytometry and Special Hematology Test Volume Forecast by Assay

Thailand All Market Segments Total Hematology and Flow Cytometry Specimen Volume Forecast

Thailand All Market Segments Total Hematology and Flow Cytometry Test Volume Forecast

List of Tables (continued)

Thailand All Market Segments Total Hematology and
Flow Cytometry Market Forecast

Thailand All Market Segments, Total Routine Hematology
Test Volume Forecast by Assay

Thailand All Market Segments, Total Flow Cytometry and
Special Hematology Test Volume Forecast by Assay

Vietnam All Market Segments Total Hematology
and Flow Cytometry Specimen Volume Forecast

Vietnam All Market Segments Total Hematology
and Flow Cytometry Test Volume Forecast

Vietnam All Market Segments Total Hematology and
Flow Cytometry Market Forecast

Vietnam All Market Segments, Total Routine Hematology
Test Volume Forecast by Assay

Vietnam All Market Segments, Total Flow Cytometry and
Special Hematology Test Volume Forecast by Assay