

# 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](http://www.LeadingMarketResearch.com)

[www.VPGMarketResearch.com](http://www.VPGMarketResearch.com)

[reports@vpgcorp.com](mailto: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. France 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**

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

**List of Tables** (continued)

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

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

France, Total Hematology Market Forecast  
By Market Segment

France, Total Flow Cytometry Market Forecast  
By Market Segment

France, Total Hematology Market  
By Major Supplier

France, Total Flow Cytometry Market  
By Major Supplier