

# **2023-2028 Europe Hematology and Flow Cytometry Analyzers and Reagents Market in 38 Countries 2023 Supplier Shares, 2023-2028 Test Volume and Sales Segment Forecasts for over 40 Individual Tests Performed in Hospitals, Commercial/Private Labs, POC Locations—Competitive Strategies, Instrumentation Pipeline, Emerging Technologies, Opportunities for Suppliers, Market Challenges**

<https://marketpublishers.com/r/29505974C063EN.html>

Date: October 2023

Pages: 0

Price: US\$ 15,600.00 (Single User License)

ID: 29505974C063EN

## **Abstracts**

This unique report from LeadingMarketResearch.com provides information and analysis not available from any other published source. This new 38-country report from LeadingMarketResearch.com is available by country, market segment, section, or individual test, and can be customized to specific information needs and budget.

The survey is designed to help current suppliers and potential market entrants identify and evaluate emerging opportunities emerging in the hematology and flow cytometry markets during the next five years.

### Rationale

Continued advances in molecular diagnostics, monoclonal antibodies, lasers and IT, as well as growing understanding of immunologic forces regulating systemic diseases, will have a profound impact on the hematology and flow cytometry markets. New molecular diagnostic and monoclonal antibody tests will facilitate existing procedures and provide basis for sensitive, specific and simple assays. The introduction of smaller and easy-to-operate laser systems will further expand applications of flow cytometry to routine

clinical laboratories. Further advances in IT will reduce the cost of instrument manufacture, service warranty, and permit development of self-troubleshooting, auto-calibration and other advanced features. Presently tedious analyses of chromosomal abnormalities, DNA content, and lymphocyte subsets will become more automated and routine.

## Country Analyses

Albania, Austria, Belarus, Belgium, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Georgia, Germany, Greece, Hungary, Iceland, Ireland, Italy, Kazakhstan, Latvia, Lithuania, Malta, Moldova, Netherlands, Norway, Poland, Portugal, Romania, Russia, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, UK, Ukraine

## Strategic Recommendations

New product development opportunities with significant market appeal.

Alternative market penetration strategies.

Potential market entry barriers and risks.

## Market Segmentation Analysis

Sales and market share estimates of leading hematology and flow cytometry product suppliers in major countries.

Specimen, test and sales forecasts for over 40 procedures.

## Sales and Market Share Analysis

Sales and market shares of major instrument and reagent suppliers in major countries.

## Hematology Tests Analyzed in the Report

CBC + 5-Part Differential, Manual Differential/Review, Hematocrit (Automated, Manual), Hemoglobin (Automated, Manual), Sedimentation Rate, Reticulocytes, WBC (Automated, Manual), Platelets (Automated, Manual), Bone Marrow Analysis, RBC, Eosinophils

#### Flow Cytometry Tests Analyzed in the Report

Cell Surface Markers (CD4/CD8/T&B Lymphocytes, CD34, Others), Chemotherapy Monitoring (Leukemia/Lymphoma, Others), HLA Typing, Sperm Analysis, Cell Cycle Kinetics, Cell Function Testing, Chromosomal Abnormalities, Fetal Cell Analysis, Granulocyte Function, Receptor DNA/RNA Analysis, Cell Culturing

#### Instrumentation Review

Reviews of current instrumentation technologies, and features of leading hematology, flow cytometry, platelet aggregation and sedimentation rate analyzers.

The report features analyzers marketed by Abbott, Beckman Coulter/Danaher, Becton Dickinson, Biocode Hycel, CellaVision, Diesse Ves Matic, Drew-Scientific, Horiba, Medica, Menarini, Nihon Kohden, Polymedco, Siemens, Sysmex and other suppliers.

#### Technology Review

Assessment of current and emerging technologies and their potential market applications.

Companies developing or marketing new technologies and products by test.

#### Competitive Assessments

Strategic profiles of major suppliers and emerging market entrants.

The companies analyzed in the report include:

Abbott

Agilent Technologies

Beckman Coulter/Danaher

Becton Dickinson

Bio-Rad

CellaVision

Horiba

Mindray

Nihon Kohden

QuidelOrtho

Roche

Sekisui Diagnostics

Siemens Healthineers

Sysmex

## 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. 38-Country Analyses: Supplier Shares, Specimen, Volume and Sales Forecasts for 40 Tests

Albania, Austria, Belarus, Belgium, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Georgia, Germany, Greece, Hungary, Iceland, Ireland, Italy, Kazakhstan, Latvia, Lithuania, Malta, Moldova, Netherlands, Norway, Poland, Portugal, Romania, Russia, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, UK, Ukraine

### 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
- QuidelOrtho
- Roche
- Sekisui Diagnostics
- Siemens Healthineers
- Sysmex and others

## I would like to order

Product name: 2023-2028 Europe Hematology and Flow Cytometry Analyzers and Reagents Market in 38 Countries 2023 Supplier Shares, 2023-2028 Test Volume and Sales Segment Forecasts for over 40 Individual Tests Performed in Hospitals, Commercial/Private Labs, POC Locations—Competitive Strategies, Instrumentation Pipeline, Emerging Technologies, Opportunities for Suppliers, Market Challenges

Product link: <https://marketpublishers.com/r/29505974C063EN.html>

Price: US\$ 15,600.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

[info@marketpublishers.com](mailto:info@marketpublishers.com)

## Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/29505974C063EN.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