

# **2024-2029 North America Hematology and Flow Cytometry Analyzers and Reagents Market in the US, Canada and Mexico-2024 Supplier Shares, 2024-2029 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 and Risks**

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## **Abstracts**

This unique report from LeadingMarketResearch.com provides information and analysis not available from any other published source. This new 3-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

Canada, Mexico, USA

#### 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

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