

2024-2029 Hematology and Flow Cytometry: US, Europe, Japan--A Market Facing Regulatory and Competitive Challenges--Supplier Shares and Segment Forecasts by Test--Technological Breakthroughs, Emerging Tests, Competitive Analysis

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Abstracts

LeadingMarketResearch's new seven-country report is designed to help current suppliers and potential market entrants identify and evaluate business opportunities emerging in the global hematology and flow cytometry markets during the next five years. The report is available by section, and can be customized to specific information needs and budget.

The report explores business and technological trends in the US, Europe (France, Germany, Italy, Spain, UK) and Japan; provides market share estimates, specimen, test and sales forecasts, and instrument placements; compares features of major analyzers; profiles leading competitors and emerging market entrants; and suggests specific product and marketing opportunities facing reagent and instrument suppliers.

Rationale

During the next five years, 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 worldwide. 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, autocalibration and other advanced features. Presently tedious analyses of chromosomal abnormalities, DNA content, and lymphocyte subsets will become more automated and routine.

Geographic Coverage

France, Germany, Italy, Japan, Spain, UK, USA

Worldwide Market Overview

Facilities performing hematology and flow cytometry testing by country.

Test volume and sales projections by country.

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 for leading suppliers of hematology and flow cytometry products by country.

Specimen, test and sales forecasts for over 40 procedures by country, individual test and market segment:

Hospitals

- Commercial/Private Laboratories
- Ambulatory Care Centers
- Physician Offices/Group Practices

Sales and Market Share Analysis

Sales and market shares of major instrument and reagent suppliers.

Hematology Tests

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

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.

Current and Emerging Products

Analysis of current and emerging hematology and flow cytometry assays.

- Reagent and instrument sales forecasts by market segment.
- Instrument placements and installed base by manufacturer and model.
- Sales and market shares of reagent and instrument suppliers.

Instrumentation Review

The study reviews current instrumentation technologies and compares features of leading hematology, flow cytometry, platelet aggregation and sedimentation rate analyzers.

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

Technology Review

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

Comprehensive lists of companies developing or marketing new technologies and products by test.

Competitive Assessments

Extensive 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
- Nihon Kohden
- QuidelOrtho
- Roche
- Siemens Healthineers
- Sysmex

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