

New Frontiers in Point-of-Care/POC Hematology and Flow Cytometry Testing: Business Challenges, Emerging Technologies, Competitive Landscape

https://marketpublishers.com/r/N66F54C5661EN.html

Date: June 2014

Pages: 279

Price: US\$ 6,800.00 (Single User License)

ID: N66F54C5661EN

Abstracts

New Frontiers in Point-of-Care/POC Hematology and Flow Cytometry Testing: Business Challenges, Emerging Technologies, Competitive Landscape is Venture Planning Groups new report, which provides comprehensive analysis of the POC hematology and flow cytometry markets, including their dynamics, size, growth, regulatory requirements, technological trends, competitive landscape, and emerging opportunities for instrument and consumable suppliers.

Rationale

The growing economic pressures on hospitals, coupled with advances in diagnostic technologies, intensifying competition among suppliers and physicians, and changing consumer demands are shifting diagnostic testing from hospitals and commercial laboratories closer to the patient.

Market Segmentation

Review of POC hematology and flow cytometry market segments, including their dynamics, trends, structure, size, growth and major suppliers.

Five-year test volume and reagent sales forecasts forhematology and flow cytometry procedures by market segment:

Physician Offices/Group Practices

Emergency Rooms



Operating/Recovery Suites

ICUs/CCUs

Cancer Clinics

Ambulatory Care Centers

Surgery Centers

Nursing Homes

Birth Centers

Sales and Market Share Analysis

Sales and market shares ofmajor reagent and instrument suppliers.

Routine and Special 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 and others.

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.

Technology Review

Emerging technologies and their applications for POC testing.

Comprehensive listings of companies developing or marketing POC diagnostic technologies and products, by test.

Strategic Recommendations



,	Specific opportunities for new POC instruments and reagent systems with
	potentially significant market appeal during the next five years.

Design criteria for POC testing products.

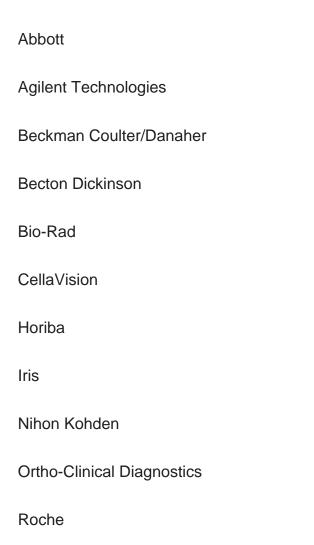
Alternative business expansion strategies.

Potential market entry barriers and risks.

Competitive Assessments

Assessments of major suppliers and emerging market entrants, including their sales, product portfolios, marketing tactics, joint ventures, and new products in R&D.

The companies analyzed in the report include:





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Methodology

This report is based on a combination of primary and secondary sources of information, including review of recent technical and business publications, manufacturer product literature, industry analyst reports, and Venture Planning Group's proprietary data files.

Contains 279 pages and 58 tables



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Major Routine and Special Hematology Tests

- 1. CBC Analysis
- a. Hemoglobin Concentration
- b. Hematocrit Determination
- c. Red Blood Cell Count
- d. Platelets

Instrumentation: Hematology Analyzers Manufactured by:

Abbott

Becton Dickinson

Beckman Coulter/Danaher

Biocode

Drew-Scientific

Diesse Ves Matic

Horiba

Menarini

Nihon Kohden

Polymedco

Sysmex



Current and Emerging Technologies

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ELISA

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