

2016 US Hospital Hematology and Flow Cytometry Markets

<https://marketpublishers.com/r/2D9DB982DB7EN.html>

Date: September 2016

Pages: 248

Price: US\$ 5,440.00 (Single User License)

ID: 2D9DB982DB7EN

Abstracts

This new report from VPGMarketResearch contains 248 pages, 15 tables, and presents a comprehensive analysis of the US hospital hematology and flow cytometry markets, including:

Major issues pertaining to the US hematology and flow cytometry practice, as well as key economic, regulatory, demographic, social and technological trends with significant market impact during the next ten years.

Five-year volume and sales forecasts for major hematology and flow cytometry tests performed in US hospitals.

Annual placements and installed base estimates for major automated and semiautomated hematology analyzers and flow cytometers.

Review of current instrumentation technologies, and a feature comparison of high-, medium-, and low-volume/POC analyzers.

Five-year reagent and instrument sales forecasts.

Sales and market shares of leading reagent and instrument suppliers.

Review of current and emerging technologies, and their potential market applications.

Product development opportunities for instruments, consumables, and auxiliary products.

Profiles of major current and emerging suppliers, including their sales, product portfolios, marketing tactics, technological know-how, new products in R&D, collaborative arrangements, and business strategies.

Business opportunities and strategic recommendations for suppliers. Contains 248 pages and 15 tables

Contents

I. INTRODUCTION

II. 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
 - Abbott
 - Beckman Coulter/Danaher
 - Siemens
 - Sysmex
 - c. Pattern Recognition Systems
 - IRIS
 - d. Comparison of Major Differential Analyzers
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
Instrumentation and Reagent Test Kits
BD
Beckman Coulter/Danaher
T Cells Diagnostics
 - 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. Instrumentation Review**
1. Hematology Analyzers
 - a. Overview
Electrical Aperture-Impedance Analyzers
Light Scatter Analyzers
 - b. System Review
- Abbott
- Beckman Coulter/Danaher
- Biocode Hycl
 - Drew-Scientific
- Horiba
- Menarini
- Nihon Kohden

Siemens

Sysmex

2. Flow Cytometers

a. Introduction

b. System Overview

Becton Dickinson

Beckman Coulter/Danaher

3. Platelet Aggregometers

4. Sedimentation Rate Analyzers

Diesse Ves Matic

Polymedco

D. Current Market Needs and Future Demand For Hematology Analyzers

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

IX. U.S.

A. Executive Summary

B. Business Environment

1. Health Care Expenditures

2. Cost Consciousness

3. Reimbursement

4. Industry Consolidation

5. Managed Care

a. HMO

b. PPO

6. Hospitals

7. Admissions

8. Length of Stay

9. Industry Diversification

10. Physician Demographics

11. Population Aging

- a. Chronic Illness
- b. Disease Incidence
- c. Susceptibility to Iatrogenesis
- d. Multiple Illness Cases

12. Laboratory Regulations

C. Market Structure

D. Market Size, Growth and Major Suppliers' Instrument Placements, Installed Base, Sales and Market Shares

X. MAJOR PRODUCT DEVELOPMENT OPPORTUNITIES

- A. Instrumentation
- B. Reagent Kits and Test Systems/Panels
- C. Information Technology
- D. Auxiliary Products

XI. DESIGN CRITERIA FOR DECENTRALIZED TESTING PRODUCTS

XII. ALTERNATIVE MARKET PENETRATION STRATEGIES

- A. Internal Development
- B. Collaborative Arrangements
- C. University Contracts
- D. Distribution Strategies for the Decentralized Testing Markets
 - 1. Four Marketing Approaches
 - 2. Product Complexity Factor
 - 3. Customer Preference Factor
 - 4. Established Suppliers
 - 5. Emerging Suppliers
 - 6. Major Types of Distributors
 - 7. Market Segmentation Factor

XIII. POTENTIAL MARKET ENTRY BARRIERS AND RISKS

- A. Market Maturity
- B. Cost Containment
- C. Competition
- D. Technological Edge and Limitations
- E. Patent Protection

F. Regulatory Constraints

G. Decentralized Testing Market Challenges

XIV. COMPETITIVE ASSESSMENTS

Abbott

Beckman Coulter/Danaher

Becton Dickinson

Bio-Rad

CellaVision

Dako

Horiba

Iris

Nihon Kohden

Ortho-Clinical Diagnostics

Roche

Siemens

Sysmex

XV. APPENDIX: MAJOR UNIVERSITIES AND RESEARCH CENTERS DEVELOPING HEMATOLOGY/FLOW CYTOMETRY TECHNOLOGIES AND APPLICATIONS

List Of Tables

LIST OF TABLES

Summary Table I: U.S., Total Hematology and Flow Cytometry Specimen Volume Forecast

Summary Table II: U.S., Total Hematology and Flow Cytometry Test Volume Forecast

Summary Table III: U.S., Total Hematology and Flow Cytometry Market Forecast

U.S., Hospital Laboratories Performing Hematology and Flow Cytometry Tests By Bed Size

U.S., Hospital Laboratories, Hematology and Flow Cytometry Specimen Volume Forecast

U.S., Hospital Laboratories, Routine Hematology Test Volume Forecast

U.S., Hospital Laboratories, Flow Cytometry and Special Hematology Test Volume Forecast

U.S., Major Hematology Analyzers, Estimated Placements and Installed Base

U.S., Major Flow Cytometers, Estimated Placements and Installed Base

U.S., Total Hematology Market By Major Supplier

U.S., Hematology Instrument Market By Major Supplier

U.S., Hematology Consumable Market By Major Supplier

U.S., Total Flow Cytometry Market By Major Supplier

U.S., Total Flow Cytometry Consumables Market By Major Supplier

U.S., Total Flow Cytometry Instrument Market By Major Supplier

I would like to order

Product name: 2016 US Hospital Hematology and Flow Cytometry Markets

Product link: <https://marketpublishers.com/r/2D9DB982DB7EN.html>

Price: US\$ 5,440.00 (Single User License / Electronic Delivery)

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

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/2D9DB982DB7EN.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