

2017 Cell Surface Markers: Emerging Opportunities, Country Forecasts, Innovative Technologies, Competitive Landscape--US, Europe (France, Germany, Italy, Spain, UK), Japan

<https://marketpublishers.com/r/2E8930B482AEN.html>

Date: March 2017

Pages: 120

Price: US\$ 4,815.00 (Single User License)

ID: 2E8930B482AEN

Abstracts

The use of surface marker identification and classification of cells is spreading beyond lymphocytes to the identification of monocytes, macrophages, myeloid stem cells, and tumor cells. A synergistic combination of the hybridoma technology with flow cytometry is further expanding the applications of both technologies. During the next ten years, the main trend in cell surface marker analysis will be further simplification of the sample preparation and the analysis itself.

This report presents a detailed overview of the CD4, CD8 and CD34 Cell Surface Marker testing in the US, Europe (France, Germany, Italy, Spain, UK) and Japan, including clinical significance and current laboratory practice, as well as 5- and 10-year test volume forecasts by country and market segment.

The report examines market applications of monoclonal antibodies, IT, DNA probes, biochips/microarrays, and other technologies; reviews features and operating characteristics of automated analyzers; profiles leading suppliers and recent market entrants developing innovative technologies and products; and identifies alternative market penetration strategies and entry barriers/risks.

Contains 120 pages and 15 tables

Contents

I. INTRODUCTION

II. WORLDWIDE MARKET AND TECHNOLOGY OVERVIEW

A. Lymphocyte Subclassification CD4/CD8/CD34

Instrumentation and Reagent Test Kits

BD FACS Count

Beckman Coulter VCS

T Cells Diagnostics TRAx

B. Other Cell Markers

C. Instrumentation Review

1. Hematology Analyzers

a. Overview

Electrical Aperture-Impedance Analyzers

Light Scatter Analyzers

b. System Review

Abbott Cell-Dyn 3000

Abbott Cell-Dyn 3200

Abbott Cell-Dyn 3500

Abbott Cell-Dyn 3700

Abbott Cell-Dyn Ruby

Abbott Cell-Dyn Sapphire

Abbott Cell-Dyn Emerald

Beckman Coulter HmX

Beckman Coulter LH 500

Beckman Coulter LH 750

Beckman Coulter LH 780

Beckman Coulter LH 1500

Beckman Coulter STKS

Beckman Coulter UniCell DxH 800

Horiba ABX Helios LMG/5DIFF

Horiba ABX Pentra Series

Siemens ADVIA/H Series

Siemens Advia 120

Siemens Advia 2120i

Sysmex XE-2100

Sysmex XE-5000

Sysmex XE-AlphaN

Sysmex HST-N

Sysmex NE-8000

Sysmex SE-9000

Sysmex XT Series

2. Flow Cytometers

a. Introduction

b. System Overview

Beckman Coulter Epics Profile

Beckman Coulter Epics XL

BD FACSAadvantage

BD FACSAria III

BD FACScan

BD FACSCanto II

BD FACSCalibur

BD FACSCount

BD Influx

BD FACStar Series

BD FACSort

BD FACStrak

BD FACS Vantage

Beckman Coulter Epics Elite ESP

Beckman Coulter Epics Elite Analyzer

Beckman Coulter Epics C

Beckman Coulter FC 500 Series

Beckman Coulter Vi-CELL XR

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

III. FRANCE: FORECASTS BY TEST AND MARKET SEGMENT

IV. GERMANY: FORECASTS BY TEST AND MARKET SEGMENT**V. ITALY: FORECASTS BY TEST AND MARKET SEGMENT****VI. JAPAN: FORECASTS BY TEST AND MARKET SEGMENT****VII. SPAIN: FORECASTS BY TEST AND MARKET SEGMENT****VIII. U.K.: FORECASTS BY TEST AND MARKET SEGMENT****IX. U.S.: FORECASTS BY TEST AND MARKET SEGMENT****X. 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

XI. 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

XII. COMPETITIVE ASSESSMENTS

Abbott

Beckman Coulter
Becton Dickinson
Bio-Rad
DakoCytomation
Horiba
Iris
J&J Diagnostics
Nihon Kohden
Roche
Siemens
Sysmex

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

List Of Tables

LIST OF TABLES

France, Hospital Laboratories Estimated Cell Surface Marker Test Volume
France, Commercial/Private Laboratories Estimated Cell Surface Marker Test Volume
Germany, Hospital Laboratories Estimated Cell Surface Marker Test Volume
Italy, Hospital Laboratories Estimated Cell Surface Marker Test Volume
Italy, Commercial/Private Laboratories Estimated Cell Surface Marker Test Volume
Japan, Hospital Laboratories Estimated Cell Surface Marker Test Volume
Japan, Commercial/Private Laboratories Estimated Cell Surface Marker Test Volume
Spain, Hospital Laboratories Estimated Cell Surface Marker Test Volume
Spain, Commercial/Private Laboratories Estimated Cell Surface Marker Test Volume
Spain, Ambulatory Care Center Estimated Cell Surface Marker Test Volume
U.K., Hospital Laboratories Estimated Cell Surface Marker Test Volume
U.K., Commercial/Private Laboratories Estimated Cell Surface Marker Test Volume
U.S., Hospital Laboratories Estimated Cell Surface Marker Test Volume
U.S., Commercial/Private Laboratories Estimated Cell Surface Marker Test Volume
U.S., Physician Office Laboratories Estimated Cell Surface Marker Test Volume

I would like to order

Product name: 2017 Cell Surface Markers: Emerging Opportunities, Country Forecasts, Innovative Technologies, Competitive Landscape--US, Europe (France, Germany, Italy, Spain, UK), Japan

Product link: <https://marketpublishers.com/r/2E8930B482AEN.html>

Price: US\$ 4,815.00 (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/2E8930B482AEN.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