

# **2016-2020 World Cell Surface Markers Testing Market: Emerging Opportunities, Country Forecasts, Innovative Technologies, Competitive Landscape--US, Europe (France, Germany, Italy, Spain, UK), Japan**

<https://marketpublishers.com/r/2F1A57F2A5EEN.html>

Date: March 2016

Pages: 120

Price: US\$ 4,280.00 (Single User License)

ID: 2F1A57F2A5EEN

## **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

Instrumentation and Reagent Test Kits

BD

Beckman Coulter/Danaher

T Cells Diagnostics

#### B. CD34

#### C. Other Cell Markers

#### D. Instrumentation Review

##### 1. Hematology Analyzers

###### a. Overview

Electrical Aperture-Impedance Analyzers

Light Scatter Analyzers

###### b. System Review

Abbott

Beckman Coulter/Danaher

Biocode Hycel

Drew-Scientific

Horiba

Menarini

Nihon Kohden

Siemens

Sysmex

##### 2. Flow Cytometers

###### a. Introduction

###### b. System Overview

Becton Dickinson

Beckman Coulter/Danaher

#### E. Current Market Needs and Future Demand For Hematology Analyzers

#### F. Reagents and Controls

#### G. 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/Danaher  
Becton Dickinson  
Bio-Rad  
CellaVision  
Dako/Agilent Technologies  
Horiba  
Iris Diagnostics/Danaher  
Nihon Kohden  
Ortho-Clinical Diagnostics  
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: 2016-2020 World Cell Surface Markers Testing Market: Emerging Opportunities, Country Forecasts, Innovative Technologies, Competitive Landscape--US, Europe (France, Germany, Italy, Spain, UK), Japan

Product link: <https://marketpublishers.com/r/2F1A57F2A5EEN.html>

Price: US\$ 4,280.00 (Single User License / Electronic Delivery)

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

[info@marketpublishers.com](mailto:info@marketpublishers.com)

## Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/2F1A57F2A5EEN.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