

2019 Cell Surface Markers: US, Europe, Japan- Competitive Strategies, Country Forecasts, Innovative Technologies, Emerging Opportunities

<https://marketpublishers.com/r/28F4657DB88EN.html>

Date: May 2019

Pages: 120

Price: US\$ 4,850.00 (Single User License)

ID: 28F4657DB88EN

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 five 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-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: F

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

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