

2017-2021 World PSA Testing Market: Emerging Opportunities, Supplier Shares, Country Volume and Sales Segment Forecasts, Innovative Technologies, Competitive Landscape--US, Europe (France, Germany, Italy, Spain, UK), Japan

<https://marketpublishers.com/r/2A49D5FD373EN.html>

Date: March 2017

Pages: 249

Price: US\$ 3,915.00 (Single User License)

ID: 2A49D5FD373EN

Abstracts

The cancer diagnostics market is on the verge of explosion, as the researchers approach major technological breakthroughs in tumor diagnosis and therapy, discover new specific antigens, and unlock the mystery of the genetic basis of the disease. During the next five years, the worldwide cancer testing market is promising to be an exciting, dynamic and rapidly expanding field. Anticipated technological breakthroughs will create numerous opportunities for determining genetic predisposition, detecting specific tumors, and monitoring biological response to cancer therapy. The rise in geriatric population will further compound the growing demand for malignancy assays and the rapid market expansion worldwide.

This report presents a detailed analysis of the PSA testing market in the US, Europe (France, Germany, Italy, Spain, UK) and Japan, including clinical significance and current laboratory practice; 5-year test volume and sales forecasts by country and market segment; as well as sales and market shares for major suppliers. The report also examines market applications of DNA probes, biochips/microarrays, monoclonal antibodies, immunoassays, IT, chromosome analysis, 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 249 pages and 15 tables

Contents

I. INTRODUCTION

II. PSA WORLDWIDE MARKET AND TECHNOLOGY OVERVIEW

A. Prostate-Specific Antigen: Clinical Significance and Laboratory Practices

B. Instrumentation Review And Market Needs

1. Abbott AxSYM
2. Abbott Architect c4000
3. Abbott Architect i2000 Series
4. Abbott Architect ci8200 System
5. Beckman Coulter UniCel Series
6. Beckman Coulter Access
7. Binding Site ESP600
8. bioMerieux Mini Vidas
9. Carolina Chemistries BioLis 24i
10. DiaSorin Liaison
11. Horiba ABX Pentra
12. Inverness DS2
13. J&J Vitros Eci/ECiQ
14. J&J Vitros 3600
15. J&J Vitros 5600
16. Olympus AU5400
17. Olympus AU3000i
18. Olympus AU2700
19. Roche Modular Analytics
20. Roche Cobas Integra
21. Roche Cobas Integra 400 Plus
22. Roche Elecsys
23. Roche Cobas c311
24. Siemens ADVIA Centaur
25. Siemens Dimension
26. Siemens Dimension RxL Max
27. Siemens Dimension Vista
28. Siemens Immulite
29. Siemens Stratus
30. Tosoh AIA-Series
31. Vital Diagnostics ATAC 8000

32. Vital Diagnostics Envoy

C. Current and Emerging Technologies

1. Monoclonal and Polyclonal Antibodies

2. Immunoassays

a. Technological Principle

b. Radioimmunoassay (RIA)

c. Enzyme Immunoassays (EIA)

Overview

ELISA

Immunofiltration

Particle-Membrane Capture Immunoassay Enzyme Amplification

d. Fluorescent Immunoassays

e. Luminescence

Chemiluminescence

Bioluminescence

f. Latex Agglutination

g. Immunoprecipitation

h. Affinity Chromatography

e. Liposome Flow-Injection Immunoassay

3. Molecular Diagnostics

a. Technology Overview

b. Amplification Methods

PCR

DAP-PCR

Immuno-PCR

QC-PCR

CAR

DNA

HPA

LCR

NASBA

QBR

SDA

3 SR, and others

4. Chromosome Analysis

a. Chronic Myelogenous Leukemia (CML)

b. Acute Myeloid Leukemia (AML)

c. Acute Lymphoblastic Leukemia (ALL)

d. Malignant Lymphomas Lymphoid Malignancies

- e. Chronic Lymphocytic Leukemia (CLL)
- f. Solid Cancers
- g. Chromosomal Translocation and Oncogenes
- 5. Artificial Intelligence
- 6. Flow Cytometry
- 7. Two Dimensional Gel Electrophoresis (2-DGE)
- 8. Biosensors
- 9. Competing/Complementing Technologies
 - a. CT
 - b. MRI
 - c. NMR
 - d. PET
 - e. Photonics Spectroscopy
- C. Personal Testing

III. FRANCE: MARKET SIZE, GROWTH AND MAJOR SUPPLIERS' SALES AND MARKET SHARES

IV. GERMANY: MARKET SIZE, GROWTH AND MAJOR SUPPLIERS' SALES AND MARKET SHARES

V. ITALY: MARKET SIZE, GROWTH AND MAJOR SUPPLIERS' SALES AND MARKET SHARES

VI. JAPAN: MARKET SIZE, GROWTH AND MAJOR SUPPLIERS' SALES AND MARKET SHARES

VII. SPAIN: MARKET SIZE, GROWTH AND MAJOR SUPPLIERS' SALES AND MARKET SHARES

VIII. U.K.: MARKET SIZE, GROWTH AND MAJOR SUPPLIERS' SALES AND MARKET SHARES

IX. U.S.A.: MARKET SIZE, GROWTH AND MAJOR SUPPLIERS' SALES AND MARKET SHARES

X. DESIGN CRITERIA FOR DECENTRALIZED TESTING PRODUCTS

XI. ALTERNATIVE MARKET PENETRATION STRATEGIES

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

XII. 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

XIII. COMPETITIVE PROFILES

Abbott
AdnaGen
Applied Gene Technologies
Arca Biopharma
Beckman Coulter/Danaher
Becton Dickinson
Biomedical Diagnostics
bioMerieux
Bio-Rad
Cepheid
Correlogic Systems
Decode Genetics
Diadexus
Diagnocure

Diasorin
Eiken Chemical
Elitech Group
Enterix
Enzo Biochem
Epigenomics
Exact Sciences
Fujirebio
Hologic/Gen-Probe
Guided Therapeutics
Kreatech/Leica
Kyowa Medex
Mackay Life Sciences
Myriad Genetics
OncoLab
Ortho-Clinical Diagnostics
Panacea Pharmaceuticals
Polartechnics
Polymedco
PreMD
Qiagen
Quest Diagnostics
Radiant Pharmaceuticals
Roche
Scienion
Sequenom
Siemens Healthcare
Takara Bio
Targeted Diagnostics & Therapeutics
Thermo Fisher
Tosoh
Veridex
Wako Pure Chemicals
Wallac/PE
Zila

List Of Tables

LIST OF TABLES

Major Companies Developing or Marketing PSA Tests
France PSA Test Volume and Diagnostics Sales by Market Segment
France PSA Testing Market by Major Supplier
Germany PSA Test Volume and Diagnostics Sales by Market Segment
Germany PSA Testing Market by Major Supplier
Italy PSA Test Volume and Diagnostics Sales by Market Segment
Italy PSA Testing Market by Major Supplier
Japan PSA Test Volume and Diagnostics Sales by Market Segment
Japan PSA Testing Market by Major Supplier
Spain PSA Test Volume and Diagnostics Sales by Market Segment
Spain PSA Testing Market by Major Supplier
U.K. PSA Test Volume and Diagnostics Sales by Market Segment
U.K. PSA Testing Market by Major Supplier
U.S.A. PSA Test Volume and Diagnostics Sales by Market Segment
U.S.A. PSA Testing Market by Major Supplier

I would like to order

Product name: 2017-2021 World PSA Testing Market: Emerging Opportunities, Supplier Shares, Country Volume and Sales Segment Forecasts, Innovative Technologies, Competitive Landscape--US, Europe (France, Germany, Italy, Spain, UK), Japan

Product link: <https://marketpublishers.com/r/2A49D5FD373EN.html>

Price: US\$ 3,915.00 (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/2A49D5FD373EN.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