

## 2015-2019 World CEA Testing Market: Emerging Opportunities, Supplier Shares, Country Forecasts, Innovative Technologies, Competitive Landscape -US, Europe (France, Germany, Italy, Spain, UK), Japan

https://marketpublishers.com/r/2F2BAEA1279EN.html

Date: September 2015 Pages: 250 Price: US\$ 3,480.00 (Single User License) ID: 2F2BAEA1279EN

## **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 CEA 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 250 pages and 15 tables



## Contents

#### **1. INTRODUCTION**

#### 2. CEA WORLDWIDE MARKET AND TECHNOLOGY OVERVIEW

A. Carcinoembrionic Antigen (CEA): 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 AIASERIES**
  - 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

ParticleMembrane Capture Immunoassay

**Enzyme Amplification** 

- d. Fluorescent Immunoassays
- e. Luminescence

Chemiluminescence

Bioluminescence

- f. Latex Agglutination
- g. Immunoprecipitation
- H. Affinity Chromatographu
  - e. Liposome FlowInjection Immunoassay
  - 3. MOLECULAR DIAGNOSTICS
    - a. Technology Overview
    - b. Amplification Methods

PCR

DAPPCR

ImmunoPCR

QCPCR

- 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 (2DGE)
- 8. BIOSENSORS
- 9. COMPETING/COMPLEMENTING TECHNOLOGIES
  - a. CT
- b. MRI
- c. NMR
- d. PET
- e. Photonics Spectroscopy
- E. Personal Testing

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

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

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

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

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

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

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

**10. DESIGN CRITERIA FOR DECENTRALIZED TESTING PRODUCTS** 



#### **11. 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

#### **12. 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

#### **13. COMPETITIVE PROFILES**

Abbott

- AdnaGen
- Applied Gene Technologies
- Arca Biopharma
- Beckman Coulter/Danaher
- **Becton Dickinson**
- **Biomedical Diagnostics**
- bioMerieux
- BioRad
- Cepheid
- Correlogic Systems
- **Decode Genetics**

Diadexus

2015-2019 World CEA Testing Market: Emerging Opportunities, Supplier Shares, Country Forecasts, Innovative Tec...



Diagnocure

Diasorin

**Eiken Chemical** 

Elitech Group

Enterix

Enzo Biochem

Epigenomics

Exact Sciences

Fujirebio

Hologic/GenProbe

**Guided Therapeutics** 

Kreatech/Leica

Kyowa Medex

Mackay Life Sciences

**Myriad Genetics** 

OncoLab

OrthoClinical Diagnostics

Panacea Pharmaceuticals

Polartechnics

Polymedco

PreMD

Qiagen

Radient 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 CEA Tests France CEA Test Volume and Diagnostics Sales by Market Segment France CEA Testing Market by Major Supplier Germany CEA Test Volume and Diagnostics Sales by Market Segment Germany CEA Testing Market by Major Supplier Italy CEA Test Volume and Diagnostics Sales by Market Segment Italy CEA Testing Market by Major Supplier Japan CEA Test Volume and Diagnostics Sales by Market Segment Japan CEA Test Volume and Diagnostics Sales by Market Segment Spain CEA Testing Market by Major Supplier Spain CEA Test Volume and Diagnostics Sales by Market Segment U.K. CEA Test Volume and Diagnostics Sales by Market Segment U.K. CEA Test Volume and Diagnostics Sales by Market Segment U.K. CEA Test Volume and Diagnostics Sales by Market Segment U.S.A. CEA Test Volume and Diagnostics Sales by Market Segment U.S.A. CEA Test Volume and Diagnostics Sales by Market Segment U.S.A. CEA Test Volume and Diagnostics Sales by Market Segment



#### I would like to order

Product name: 2015-2019 World CEA Testing Market: Emerging Opportunities, Supplier Shares, Country Forecasts, Innovative Technologies, Competitive Landscape - US, Europe (France, Germany, Italy, Spain, UK), Japan

Product link: https://marketpublishers.com/r/2F2BAEA1279EN.html

Price: US\$ 3,480.00 (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 <u>https://marketpublishers.com/r/2F2BAEA1279EN.html</u>

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

Custumer signature \_\_\_

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <u>https://marketpublishers.com/docs/terms.html</u>

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