

# 2015 Global CEA Testing Market: Growth Opportunities and Strategies

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## **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 ten 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- and 10-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



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- 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
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Overview

**ELISA** 

Immunofiltration

Particle-Membrane Capture Immunoassay

**Enzyme Amplification** 

- d. Fluorescent Immunoassays
- e. Luminescence

Chemiluminescence

Bioluminescence

- f. Latex Agglutination
- g. Immunoprecipitation
- H. Affinity Chromatographu
  - 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

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- 4. Chromosome Analysis
- a. Chronic Myelogenous Leukemia (CML)
- b. Acute Myeloid Leukemia (AML)



- c. Acute Lymphoblastic Leukemia (ALL)
- d. Malignant Lymphomas Lymphoid Malignancies
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AdnaGen

Applied Gene Technologies

Arca

Beckman Coulter/Danaher

**Becton Dickinson** 

**Biomedical Diagnostics** 

bioMerieux

Bio-Rad

Cepheid

Correlogic Systems

Dako



Decode

Diadexus

Diagnocure

Diasorin Eiken Chemical

**Enterix** 

Enzo Biochem

**Epigenomics** 

**Exact Sciences** 

Fujirebio

Gen-Probe

**Guided Therapeutics** 

Hologic

Ipsogen

Kreatech

Kyowa Medex

Life Technologies

Mackay Life Sciences

Myriad Genetics

Nanogen Elitech

OncoLab

Ortho-Clinical Diagnostics

Panacea Pharmaceuticals

**Polartechnics** 

Polymedco

PreMD

Qiagen

Radient Pharmaceuticals

Roche

Scienion

Sequenom

Siemens Healthcare

Takara Bio

**Targeted Diagnostics & Therapeutics** 

Tosoh

Veridex

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Wallac/PE

Zila

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