

# 2015 German Cancer Diagnostics Market: Supplier Shares, Country Forecasts, Innovative Technologies, Competitive Strategies

<https://marketpublishers.com/r/22EE7D6587CEN.html>

Date: January 2015

Pages: 585

Price: US\$ 5,440.00 (Single User License)

ID: 22EE7D6587CEN

## Abstracts

'2015 German Cancer Diagnostics Market is a newstrategic analysis of the major business opportunities emerging in the cancer diagnostics market during the nextfive years.

The report examines trends in the German cancer diagnostics markets; reviews current and emerging tests; analyzes potential applications of various diagnostic technologies; forecasts sales of major tumor markers and market segment; profiles leading market players and potential entrants; and suggests alternative business expansion strategies for suppliers.

## Contents

### **I. INTRODUCTION**

### **II. MAJOR PRODUCT DEVELOPMENT OPPORTUNITIES**

- A. Reagent Kits and Test Systems/Panels
- B. Instrumentation
- C. Computers, Software and Automation
- D. Auxiliary Products

### **III. DESIGN CRITERIA FOR DECENTRALIZED TESTING PRODUCTS**

### **IV. 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

### **V. 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

### **VI. WORLDWIDE MARKET AND TECHNOLOGY OVERVIEW**

## A. Cancer Statistics and Etiology

1. Breast Cancer
2. Lung Cancer
3. Colon and Rectum Cancer
4. Prostate Cancer
5. Stomach Cancer
6. Leukemia
7. Lymphoma
8. Oral Cancer
9. Skin Cancer
10. Uterine Cancer
11. Ovarian Cancer
12. Bladder Cancer

## B. Major Current And Emerging Cancer Diagnostic Tests

1. Introduction
2. Tumor Marker Classification
3. ACTH
4. Alpha-Fetoprotein (AFP)
5. Beta-2 Microglobulin
6. CA 15-3/27.29
7. CA 19-9
8. CA-125
9. Calcitonin
10. Carcinoembryonic Antigen (CEA)
11. Estrogen and Progesterone Receptors
12. Ferritin
13. Gastrin
14. Human Chorionic Gonadotropin (HCG)
15. Insulin
16. NSE
17. Occult Blood
18. PAP Smear/HPV
19. Prostatic Acid Phosphatase (PAP)
20. Prostate-Specific Antigen (PSA)
21. Squamous Cell Carcinoma Antigen (SCC)
22. T and B Lymphocytes
23. TdT
24. Thyroglobulin
25. Tissue Polypeptide Antigen (TPA)

## 26. Biochemical Tumor Markers

ADA

B-Protein

PNP

5'-Nucleotidase

## 27. Oncogenes

Abl/abl-bcr

AIB1

BCL-2

BRCA1

CD44

C-fos

C-myb

C-myc

CYP-17

Erb-B

HPC1

N-myc

P40

P51

P53

PIK3CA

PTI-1

Ras

Reg

Sis

Src

## 28. Polypeptide Growth Factors

Basic Fibroblast Growth Factor

Beta-TGF

Cachectin (TNT)

Calmodulin

ECFR

Nerve Growth Factor (NGF)

Epidermal Growth Factor (EGF)

- Ornithine Decarboxylase

Transferrin

Transforming Growth Factor-Alpha

## 29. Ectopic Hormones

- 30. Colony Stimulating Factors
- 31. Lymphokines
  - Alpha-Interferon
  - B Cell Growth Factors
  - B Cell Growth Factor (BCGF)
  - Gamma-Interferon
  - Interleukin-1 (IL-1)
  - Macrophage Activating Factor
- 32. Immunohistochemical Stains
- 33. Emerging Tumor Markers
  - N-Acetylglucosamine
  - Actin
  - Alpha-Actin
  - Antineuronal Antibodies
  - 7B2
  - B72.3
  - Bax
  - BCD-F9
  - BLCA-4
  - Blood Group Antigens A,B,H
  - CA
  - CA 72-4/TAG-72
  - CA
  - CA-242
  - CA-549
  - CAM
    - CAR-3
  - Cathepsin-D
  - Chromogranin A and B
  - Cluster 1 Antigen
  - Cluster-5/5A Antigen
  - CTA
  - CU18
  - DR-70
  - DU-PAN-2
  - Endometrial Bleeding Associated Factor
  - Endostatin
  - Epithelial Membrane Antigen
  - Feulgen Hydrolysis

Fibronectin  
FSH  
(1->3)-L-fucosyltransferase  
Gastrin-Releasing Peptide (GRP)  
GDCFP-15  
Glucagon  
Glycoamines  
H23  
Her-2  
Human Carcinoma Antigen  
HPA  
HSP27  
Intermediate Filaments  
Cytokeratins/CK18/Cyfra 21-1  
Desmin  
Gliofibrillary Acid Protein  
Neurofilaments  
Vimentin  
KA  
Kinases  
KP16D3  
LAI  
Leukocyte Common Antigen  
Lewis Antigens  
Lysophosphatidic Acid (LPA)  
Ma 695/Ma  
MABDF3  
MAG  
ME1  
Minactivin  
MN/CA9  
MSA  
Mucin Cancer Antigen (MCA)  
Multiple Tumor Suppressor  
Myosin  
NEA-130  
NMP22  
OA-519  
Opioid Peptides

P-glycoprotein  
Pancreatic Oncofetal Antigen (POA)  
Placental Lactogen  
PR92  
Proliferative Index, Ki-67  
Px  
RB Inactivation/Deletion  
Ret  
SCCL  
Selectin  
Sialic Acid  
Sialyl SSEA-1/SLX  
SN10  
Somatostatin  
TA-90  
TABA  
Tachykinin  
TAG  
TPS  
Troponin  
Tubulin  
VCAM  
VEGF  
Villen

#### C. Instrumentation Review And Market Needs

#### D. 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
- i. Liposome Flow-Injection Immunoassay
- 3. Molecular Diagnostics
  - a. Technology Overview
  - b. Amplification Methods
- 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
- E. Personal Testing

## **VII. GERMANY**

- A. Executive Summary
- B. Business Environment
- C. Market Structure
- D. Market Size, Growth and Major Suppliers' Sales And Market Shares

## **VIII. COMPETITIVE PROFILES**

Abbott  
AdnaGen



Agilent Technologies  
Applied Gene Technologies  
Arca/Nuvelo  
Beckman Coulter/Danaher  
Becton Dickinson  
Biomedical Diagnostics  
bioMerieux  
Bio-Rad  
CellSearch  
Cepheid  
Correlogic Systems/Vermillion  
Decode  
Diadexus  
Diagnocure  
Diasorin  
Eiken Chemical  
Epigenomics  
Enterix  
Enzo Biochem  
Exact Sciences  
Fujirebio/Innogenetics  
Guided Therapeutics  
Hologic/Gen-Probe  
Kreatech  
Kyowa Medex  
Life Technologies  
Mackay Life Sciences  
Myriad Genetics  
Nanogen Elitech  
OncoLab  
Ortho-Clinical Diagnostics  
Panacea Pharmaceuticals  
Polartechnics  
Polymedco  
PreMD  
Qiagen/Ipsogen  
Quest Diagnostics  
Radient Pharmaceuticals  
Roche

Scienion  
Sequenom  
Siemens Healthcare  
Takara Bio  
Targeted Diagnostics & Therapeutics  
Tosoh  
Veridex  
Wako Pure Chemicals  
Wallac/PE  
Zila

## **IX. APPENDIXES:**

APPENDIX I: MAJOR UNIVERSITIES AND RESEARCH CENTERS DEVELOPING  
CANCER DIAGNOSTIC TECHNOLOGY AND APPLICATIONS

APPENDIX II: ASSUMED CURRENCY EXCHANGE RATES

## List Of Tables

### LIST OF TABLES

Tumor Marker Classification

Major Companies Developing or Marketing ACTH Tests

Major Companies Developing or Marketing AFP Tests

Major Companies Developing or Marketing Beta-2 Microglobulin Tests

Major Companies Developing or Marketing CA 15-3/27.29 Tests

Major Companies Developing or Marketing CA 19-9 Tests

Major Companies Developing or Marketing CA 125 Tests

Major Companies Developing or Marketing Calcitonin Tests

Major Companies Developing or Marketing CEA Tests

Major Companies Developing or Marketing Estrogen Receptor Tests

Major Companies Developing or Marketing Progesterone Receptor Tests

Major Companies Developing or Marketing Ferritin Tests

Major Companies Developing or Marketing Gastrin Tests

Major Companies Developing or Marketing HCG Tests

Major Companies Developing or Marketing Insulin Tests

Major Companies Developing or Marketing NSE Tests

Major Companies Developing or Marketing Occult Blood Tests

Major Companies Developing or Marketing PAP Smear/HPV Tests

Major Companies Developing or Marketing PAP Tests

Major Companies Developing or Marketing PSA Tests

Major Companies Developing or Marketing Lymphocyte Subclassification Tests

Biochemical Markers Potential Applications In Cancer Diagnosis

Oncogenes Potential Applications In Cancer Diagnosis

Major Companies Developing or Marketing Oncogene Tests

Growth Factors Potential Applications In Cancer Diagnosis

Colony Stimulating Factors Potential Applications in Cancer Diagnosis

Lymphokines Potential Applications In Cancer Diagnosis

Immunohistochemical Stains Potential Applications in Cancer Diagnosis

Executive Summary Table: Germany, Total Tumor Marker Test Volume and Sales Forecast By Market Segment

Germany, Estimated Cancer Death Rates Per 100,000 Population

Germany, Laboratories Performing Tumor Marker Tests by Market Segment

Germany, Hospital Laboratories Performing Tumor Marker Tests by Bed Size

Germany, Commercial/Private Laboratories Performing Tumor Markers by Annual Test Volume

Germany, Total Tumor Marker Test Volume Forecast by Market Segment  
Germany, All Market Segments, Major Tumor Marker Test Volume Forecast  
Germany, Hospital Laboratories, Major Tumor Marker Test Volume Forecast by Test  
Germany, Commercial/Private Laboratories Major Tumor Marker Test Volume Forecast  
Germany, Physician Offices/Group Practices Major Tumor Marker Test Volume Forecast  
Germany, Total Tumor Marker Sales Forecast by Market Segment  
Germany, All Market Segments Major Tumor Marker Sales Forecast by Test  
Germany, Hospital Laboratories, Major Tumor Marker Sales Forecast by Test  
Germany, Commercial/Private Laboratories Major Tumor Marker Sales Forecast by Test  
Germany, Physician Offices/Group Practices Major Tumor Marker Sales Forecast by Test  
Germany, ACTH Test Volume and Diagnostics Sales Forecast by Market Segment  
Germany, AFP Test Volume and Diagnostics Sales Forecast by Market Segment  
Germany, Beta-2 Microglobulin Test Volume And Diagnostics Sales Forecast by Market Segment  
Germany, CA-15-3/27.29 Test Volume and Diagnostics Sales Forecast by Market Segment  
Germany, CA-19 Test Volume and Diagnostics Sales Forecast by Market Segment  
Germany, CA 125 Test Volume and Diagnostics Sales Forecast by Market Segment  
Germany, Calcitonin Test Volume And Diagnostic Sales Forecast by Market Segment  
Germany, Cathepsin Test Volume and Diagnostics Sales Forecast by Market Segment  
Germany, CEA Test Volume and Diagnostics Sales Forecast by Market Segment  
Germany, Chromogranin Test Volume And Diagnostics Sales Forecast by Market Segment  
Germany, Colon-Specific Antigen Test Volume And Diagnostics Sales Forecast by Market Segment  
Germany, Cytokeratins Test Volume and Diagnostics Sales Forecast by Market Segment  
Germany, Estrogen Receptor Test Volume and Diagnostics Sales Forecast by Market Segment  
Germany, Ferritin Test Volume and Diagnostics Sales Forecast by Market Segment  
Germany, Gastrin Test Volume and Diagnostics Sales Forecast by Market Segment  
Germany, HCG, Test Volume and Diagnostics Sales Forecast by Market Segment  
Germany, Insulin Test Volume and Diagnostics Sales Forecast by Market Segment  
Germany, Interferons Test Volume and Diagnostics Sales Forecast by Market Segment  
Germany, Interleukins Test Volume and Diagnostics Sales Forecast by Market Segment  
Germany, Lymphocyte Subtyping Test Volume and Diagnostics Sales Forecast by

## Market Segment

Germany, NSE Test Volume and Diagnostics Sales Forecast by Market Segment

Germany, Occult Blood Test Volume and Diagnostics Sales Forecast by Market Segment

Germany, Oncogenes Test Volume and Diagnostics Sales Forecast by Market Segment

Germany, Pancreatic Oncofetal Antigen Test Volume and Diagnostics Sales Forecast by Market Segment

Germany, Pap Smear Test Volume and Diagnostics Sales Forecast by Market Segment

Germany, Parathyroid Hormone Test Volume and Diagnostics Sales Forecast by Market Segment

Germany, Progesterone Receptor Test Volume And Diagnostics Sales Forecast by Market Segment

Germany, PAP Test Volume and Diagnostics Sales Forecast by Market Segment

Germany, PSA Test Volume and Diagnostics Sales Forecast by Market Segment

Germany, S-100 Protein Test Volume and Diagnostics Sales Forecast by Market Segment

Germany, Serotonin Test Volume and Diagnostics Sales Forecast by Market Segment

Germany, Sialic Acid Test Volume and Diagnostics Sales Forecast by Market Segment

Germany, Squamous Cell Carcinoma Antigen Test Volume and Diagnostics Sales Forecast By Market Segment

Germany, TDT Test Volume and Diagnostics Sales Forecast by Market Segment

Germany, Thymidine Kinase Test Volume and Diagnostics Sales Forecast by Market Segment

Germany, Thyroglobulin Test Volume and Diagnostics Sales Forecast by Market Segment

Germany, TPA Test Volume and Diagnostics Sales Forecast by Market Segment

Germany, Total Tumor Marker Sales By Major Supplier

Germany, AFP Testing Market Diagnostics Sales by Major Supplier

Germany CA 15-3/27.29 Testing Market Diagnostics Sales by Major Supplier

Germany CA 19-9 Testing Market Diagnostics Sales by Major Supplier

Germany, CA 125 Testing Market Diagnostics Sales by Major Supplier

Germany, CEA Testing Market Diagnostics Sales by Major Supplier

Germany, PSA Testing Market Diagnostics Sales by Major Supplier

## I would like to order

Product name: 2015 German Cancer Diagnostics Market: Supplier Shares, Country Forecasts, Innovative Technologies, Competitive Strategies

Product link: <https://marketpublishers.com/r/22EE7D6587CEN.html>

Price: US\$ 5,440.00 (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/22EE7D6587CEN.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

