

# 2016-2020 Germany Tumor Marker Testing Market: Supplier Shares by Test, Country Volume and Sales Segment Forecasts, Innovative Technologies, Instrumentation Review, Competitive Strategies, Emerging Opportunities

<https://marketpublishers.com/r/2CE0B0D311DEN.html>

Date: May 2016

Pages: 585

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

ID: 2CE0B0D311DEN

## Abstracts

Complete report \$6,800. DataPack (test volumes, sales forecasts, supplier shares) \$4,350.

VPGMarketResearch.com's new report is a strategic analysis of the major business opportunities emerging in the cancer diagnostics market during the next five 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.

**Rationale**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 diagnostics 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.**Business Opportunities and Strategic Recommendations**- Specific new product development opportunities with potentially significant market appeal during the next five years.- Design criteria for new

products.- Alternative market penetration strategies. Potential market entry barriers and risks.**Cancer Diagnostic Tests Over 200 current and emerging assays including:**ACTH, AFP, Beta-2 Microglobulin, CA 15-3/27.29, CA 19-9, CA 125, Calcitonin, Cathepsin, CEA,Chromogranin, Colon-Specific Antigen, Cytokeratins, Estrogen Receptor, Ferritin, Gastrin, HCG, Insulin, Interferons, Interleukins, Lymphocyte Subtyping, Neuron-Specific Enolase, Nucleolar, Occult Blood, Oncogenes, Pancreatic Oncofetal Antigen, Pap Smear, Parathyroid Hormone, Progesterone Receptor, Prostatic Acid Phosphatase, Prostatic Specific Antigen, S-100 Protein, Serotonin, Sialic Acid, Squamous Cell Carcinoma Ag, TDT, Thymidine Kinase, Thyroglobulin, Tissue Polypeptide Antigen, and others.**Market Segmentation Analysis**

Sales and market shares of major suppliers, by individual cancer diagnostic test.

Five-year test volume and sales forecasts for major cancer diagnostic tests by market segment, including:

Hospitals

Commercial/Private Laboratories

Physician Offices- Comprehensive market segmentation analysis, including review of the market dynamics, structure, size, growth and major suppliers.

Cancer statistics, etiology and recent developments.

## **Current and Emerging Products**

Review of over 200 current and emerging cancer diagnostic tests, including:

Biochemical Markers

Oncogenes

Growth Factors

Hormones

Colony Stimulating Factors

Lymphokines

Immunohistochemical Stains, and others.

Analysis of major immunoassay analyzers used for cancer diagnostic testing, including their operating characteristics, features and selling prices.

**Technology Review-** Assessment of monoclonal antibodies, immunoassays, DNA probes, biochips/microarrays, chromosome analysis, IT, artificial intelligence, flow cytometry, biosensors, and other technologies and their potential applications for cancer diagnostic testing.- Review of competing/complementing technologies, including CT, MRI, NMR, PET and photonics spectroscopy.- Extensive listings of over 500 companies, universities and research centers developing new cancer diagnostic tests and detection technologies.**Competitive Assessments** Strategic assessments of major suppliers and start-up firms developing innovative technologies and products, including their sales, product portfolios, marketing tactics, collaborative arrangements, and new products in R D.

Contains 585 pages and 95 tables

## Contents

### **1. INTRODUCTION**

### **2. WORLDWIDE MARKET OVERVIEW**

1. MARKET OVERVIEW
2. WORLDWIDE MARKET STRUCTURE
3. WORLDWIDE MARKET SIZE AND GROWTH

### **3. MAJOR PRODUCT DEVELOPMENT OPPORTUNITIES**

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

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

### **5. ALTERNATIVE MARKET PENETRATION STRATEGIES**

- A. Internal Development
- B. Collaborative Arrangements
- C. University Contracts
- D. Distribution Strategies

### **6. 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

### **7. 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 199
  8. CA 125
  9. CALCITONIN
  10. CARCINOEMBRIONIC 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

## 27. ONCOGENES

Abl/abl bcr

AIB1

BCL2

BRCA1

CD44

C-fos

C-myb

C-myc

CYP 17

ErbB

HPC1

Nmyc

P40

P51

P53

PIK3CA

PTI1

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 (IL1)  
Macrophage Activating Factor  
32. IMMUNOHISTOCHEMICAL STAINS  
33. EMERGING TUMOR MARKERS  
NAcetylglucosamine  
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 AN2  
Endometrial Bleeding Associated Factor  
Endostatin  
Epithelial Membrane Antigen  
Feulgen Hydrolysis  
Fibronectin  
FSH  
(1 >3) Lfucosyltransferase  
Gastrin Releasing Peptide (GRP)  
GDCFP 15

Glucagon  
Glycoamines  
H23  
Her 2  
Human Carcinoma Antigen  
HPA  
HSP27  
Intermediate Filaments  
Cytokeratins/CK18/Cyfra 21 1  
Desmin  
Glofibrillary 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. Cancer Diagnostic Testing Instrumentation Review and Market Needs

D. Current and Emerging Cancer Diagnostic Technologies

1. MONOCLONAL AND POLYCLONAL ANTIBODIES

2. IMMUNOASSAYS

3. MOLECULAR DIAGNOSTICS

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. TW DIMENSIONAL GEL ELECTROPHORESIS (2 DGE)

8. BIOSENSORS

9. COMPETING/COMPLEMENTING TECHNOLOGIES

E. Personal Testing

## **8. GERMANY CANCER DIAGNOSTICS MARKET**

- A. Executive Summary
- B. Business Environment
- C. Market Structure
- D. Market Size, Test Volume and Sales Forecasts by Market Segment, Major Supplier Sales and Market Shares by Test

## **9. COMPETITIVE PROFILES**

Abbott  
AdnaGen/Alere  
Agilent Technologies  
Applied Gene Technologies  
Arca Biopharma  
Beckman Coulter/Danaher  
Becton Dickinson  
Biomedical Diagnostics  
bioMerieux  
Bio-Rad  
CellSearch  
Cepheid  
Correlogic Systems/Vermillion  
Decode Genetics  
Diadexus  
Diagnocure  
Diasorin  
Eiken Chemical  
Elitech Group  
Enterix  
Enzo Biochem  
Epigenomics  
Exact Sciences  
Fujirebio  
Guided Therapeutics  
Hologic/Genrobe  
Kreatech/Leica  
Kyowa Medex  
Mackay Life Sciences

Myriad Genetics  
OncoLab  
Ortho Clinical Diagnostics  
Panacea Pharmaceuticals  
Polartechncics  
Polymedco  
PreMD  
Qiagen  
Quest Diagnostics  
Radiant Pharmaceuticals  
Roche  
Scienion  
Sequenom  
Siemens Healthcare  
Takara Bio  
Targeted Diagnostics & Therapeutics  
Tosoh  
Thermo  
Veridex  
Wako Pure Chemicals  
Wallac/PE  
Zila

## **10. APPENDIX: MAJOR UNIVERSITIES AND RESEARCH CENTERS DEVELOPING CANCER DIAGNOSTIC TECHNOLOGIES AND APPLICATIONS**

## 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 199 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 Volumeand 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 Volumeand Diagnostics Sales Forecast by Market Segment  
Germany, Estrogen Receptor Test Volumeand 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 Volumeand Diagnostics Sales Forecast by Market Segment  
Germany, Interleukins Test Volumeand Diagnostics Sales Forecast by Market Segment  
Germany, Lymphocyte Subtyping Test Volumeand 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 199 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: 2016-2020 Germany Tumor Marker Testing Market: Supplier Shares by Test, Country Volume and Sales Segment Forecasts, Innovative Technologies, Instrumentation Review, Competitive Strategies, Emerging Opportunities

Product link: <https://marketpublishers.com/r/2CE0B0D311DEN.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/2CE0B0D311DEN.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