

# Germany Cancer Diagnostics Market 2021: Supplier Shares by Test, Volume and Sales Segment Forecasts, Innovative Technologies, Competitive Strategies

https://marketpublishers.com/r/GE6DA73967CEN.html

Date: August 2017

Pages: 585

Price: US\$ 6,800.00 (Single User License)

ID: GE6DA73967CEN

# **Abstracts**

Complete report \$6,800. DataPack (test volumes, sales forecasts, supplier shares) \$3,950. Leading MarketResearch.coms 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. RationaleThe 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 AssessmentsStrategic 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**

### I. INTRODUCTION

### II. WORLDWIDE MARKET OVERVIEW

- 1. Market Overview
- 2. Worldwide Market Structure
- 3. Worldwide Market Size and Growth

### III. MAJOR PRODUCT DEVELOPMENT OPPORTUNITIES

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

# IV. DESIGN CRITERIA FOR DECENTRALIZED TESTING PRODUCTS

### V. ALTERNATIVE MARKET PENETRATION STRATEGIES

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

# VI. 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

# VII. 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. 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

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. 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. Two Dimensional Gel Electrophoresis (2-DGE)
  - 8. Biosensors
  - 9. Competing/Complementing Technologies
- E. Personal Testing



### **VIII. 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

### IX. 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/Gen-Probe

Kreatech/Leica

Kyowa Medex

Mackay Life Sciences



Myriad Genetics

OncoLab

Ortho-Clinical Diagnostics

Panacea Pharmaceuticals

Polartechnics

Polymedco

**PreMD** 

Qiagen

**Quest Diagnostics** 

Radient Pharmaceuticals

Roche

Scienion

Sequenom

Siemens Healthcare

Takara Bio

Targeted Diagnostics & Therapeutics

Tosoh

Thermo

Veridex

Wako Pure Chemicals

Wallac/PE

Zila

X. 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 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: Germany Cancer Diagnostics Market 2021: Supplier Shares by Test, Volume and Sales

Segment Forecasts, Innovative Technologies, Competitive Strategies

Product link: https://marketpublishers.com/r/GE6DA73967CEN.html

Price: US\$ 6,800.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer

Service:

info@marketpublishers.com

# **Payment**

First name:

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <a href="https://marketpublishers.com/r/GE6DA73967CEN.html">https://marketpublishers.com/r/GE6DA73967CEN.html</a>

To pay by Wire Transfer, please, fill in your contact details in the form below:

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 <a href="https://marketpublishers.com/docs/terms.html">https://marketpublishers.com/docs/terms.html</a>

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



