

2023 Germany Tumor Markers Diagnostic Testing
Market Assessment of Business OpportunitiesOncogenes, Biomarkers, GFs, CSFs, Hormones,
Stains, Lymphokines-2022 Competitive Shares and
Strategies, 2022-2027 Volume and Sales Segment
Forecasts, Latest Technologies and Instrumentation
Pipeline, Emerging Opportunities for Suppliers

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### **Abstracts**

LeadingMarketResearch.com's new report is a study of the major business opportunities emerging in the German cancer diagnostics market during the next five years. The report examines trends in the German cancer diagnostics markets, reviews current and emerging assays; analyzes potential applications of new diagnostic technologies; forecasts sales of major tumor markers by market segment; profiles leading players and potential market entrants; and identifies specific business opportunities for suppliers.

The report is available by section, and can be customized to specific information needs and budget.

#### 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 worldwide.

# Germany Market Overview

Five-year test volume and sales projections.

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

Estimated universe of laboratories performing cancer diagnostic testing.

Cancer statistics, etiology and recent developments.

# 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.

### Over 200 Current and Emerging Cancer Diagnostic Test

**Biochemical Markers** 

Oncogenes

**Growth Factors** 

Hormones

Colony Stimulating Factors



Lymphokines

Immunohistochemical Stains, and others.

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.

Supplier Shares, Sales and Volume Forecasts

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

Five-year test volume and sales forecasts for major tumor markers by market segment, including:

Hospitals

Commercial/Private Laboratories

Physician Offices

#### Instrumentation Review

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

**Technology Assessment** 



Assessment of latest molecular diagnostic methods, biochips/microarrays, biosensors, monoclonal antibodies, immunoassays,

chromosome analysis, IT, artificial intelligence, flow cytometry, 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 companies, universities and research centers developing new cancer diagnostic tests and detection technologies.

### Competitive Strategies

Strategic assessments of major suppliers and start-up firms developing innovative cancer diagnostic technologies and products, including their sales, product portfolios, marketing tactics, collaborative arrangements, and new products in R&D.

The companies analyzed in the report include:

Abbott, Affymetrix, Beckman Coulter/Danaher/Cepheid, Becton Dickinson, bioMerieux, Bio-Rad, DiaSorin, Eiken Chemical, Elitech Group, Enzo Biochem, Fujifilm Wako, Fujirebio, Grifols, Hologic, Leica Biosystems, PerkinElmer, Qiagen, QuidelOrtho, Roche, Siemens Healthineers, Takara Bio, Thermo Fisher, and others.



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- 22. T and B Lymphocytes
- 23. TdT
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- 25. Tissue Polypeptide Antigen (TPA)
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Abl/abl-bcr

AIB1

BCL-2



D	D	$\sim$	Δ	4
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**CD44** 

C-fos

C-myb

C-myc

CYP-17

Erb-B

HPC1

N-myc

P40

P51

P53

PIK3CA

PTI-1

Ras

Reg

Sis

Src and others

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

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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

KΑ

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 and others

- C. Cancer Diagnostic Testing Instrumentation Review and Market Needs
- D. Current and Emerging Cancer Diagnostic Technologies
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- 2. Immunoassays
- 3. Molecular Diagnostics
- 4. Chromosome Analysis
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- b. Acute Myeloid Leukemia (AML)
- c. Acute Lymphoblastic Leukemia (ALL)
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The report provides strategic assessments of over 30 leading cancer diagnostics market players

and start-up companies with innovative technologies and products, including:

**Abbott** 

Affymetrix

Beckman Coulter/Danaher/Cepheid

**Becton Dickinson** 

bioMerieux

Bio-Rad

DiaSorin

Eiken Chemical

Elitech Group

Enzo Biochem

Fujifilm Wako

**Fujirebio** 

Grifols

Hologic

Leica Biosystems

PerkinElmer

Qiagen

QuidelOrtho

Roche

Siemens Healthineers

Takara Bio

Thermo Fisher and others.



#### I would like to order

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