

Germany Cancer Diagnostics Market New Frontiers, Business Challenges, Emerging Technologies, Competitive Landscape

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Abstracts

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

VPGMarketResearchs 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.

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 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

AdnaGen

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

Radiant Pharmaceuticals

Roche

Scienion

Sequenom

Siemens Healthcare

Takara Bio

Targeted Diagnostics & Therapeutics

Thermo Fisher

Tosoh

Veridex

Wako Pure Chemicals

Wallac/PE

Zilla

Contains 585 pages and 95 tables

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22. T AND B LYMPHOCYTES
23. TDT
24. THYROGLOBULIN

25. TISSUE POLYPEPTIDE ANTIGEN (TPA)**26. BIOCHEMICAL TUMOR MARKERS**

ADA

bProtein

PNP

5' Nucleotidase

27. ONCOGENES

Abl/abl bcr

AIB1

BCL-

BRCA1

CD44

C fos

C myb

C myc

CYP-

ErbB

HPC1

nmyc

P40

P51

P53

PIK3CA

PTI-

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

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Alpha Interferon

B Cell Growth Factors

B Cell Growth Factor (BCGF)

Gamma Interferon

Interleukin1 (IL 1)

Macrophage Activating Factor

32. IMMUNOHISTOCHEMICAL STAINS

33. EMERGING TUMOR MARKERS

nAcetylglucosamine

Actin

Alpha Actin

Antineuronal Antibodies

7B2

B72.3

Bax

BCD F9

BLCA-

Blood Group Antigens A,B,H

CA

CA 72 4/TAG-

CA

CA-

CA-

CAM

CAR-

CathepsinD

Chromogranin A and B

Cluster 1 Antigen

Cluster 5/5A Antigen

CTA

CU18

DR-

DU PAN-

Endometrial Bleeding Associated Factor

Endostatin

Epithelial Membrane Antigen

Feulgen Hydrolysis
Fibronectin
FSH
(1 >3) L fucosyltransferase
GastrinReleasing Peptide (GRP)
GDCFP-
Glucagon
Glycoamines
H23
Her-
Human Carcinoma Antigen
HPA
HSP27
Intermediate Filaments
Cytokeratins/CK18/Cyfra 21-
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-
NMP22
OA-

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

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b. Acute Myeloid Leukemia (AML)

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b. MRI

c. NMR

d. PET

e. Photonics Spectroscopy

e. Personal Testing

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b. Business Environment

c. Market Structure

d. Market Size, Growth and Major Suppliers' Sales and Market Shares

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Abbott
AdnaGen
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
Epigenomics
Enterix
EnzBiochem
Exact Sciences
Fujirebio
Guided Therapeutics
Hologic/GenProbe
Kreatech/Leica
Kyowa Medex
Mackay Life Sciences
Myriad Genetics
OncoLab
Ortho Clinical Diagnostics
Panacea Pharmaceuticals
Polartechnics
Polymedco
PreMD

Qiagen
Quest Diagnostics
Radiant Pharmaceuticals
Roche
Scienion
Sequenom
Siemens Healthcare
Takara Bio
Targeted Diagnostics & Therapeutics
ThermoFisher
Tosoh
Veridex
Wako Pure Chemicals
Wallac/PE
Zila

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

Tumor Marker Classification

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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
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Test
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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
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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, ColonSpecific 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
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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

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