

# New Frontiers in the European Cancer Diagnostics Market: Business Challenges, Emerging Technologies, Competitive Landscape

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## **Abstracts**

Complete report \$19,700. DataPack (test volumes, sales forecasts, supplier shares) \$12,800.

New Frontiers in the European Cancer Diagnostics Market: Business Challenges, Emerging Technologies, Competitive Landscape is Venture Planning Groups new study of the major business opportunities emerging in the European cancer diagnostics market during the nextfive years. The report examines trends in major European countries; reviews current and emerging assays; analyzes potential applications of new diagnostic technologies; forecasts sales of major tumor markers by country and 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.

#### **Geographic Coverage**



France, Germany, Italy, Spain, UK

## **European Market Overview**

Five-year test volume and sales projections by country.

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

Estimated universe of laboratories performing cancer diagnostic testing by country.

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 and country.

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

Hospitals

Commercial/Private Laboratories

Physician Offices/Group Practices

#### **Instrumentation Review**

Analysis of major molecular diagnostic and immunodignostic 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 ofmajor 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.

Companies analyzed in the report include

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
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
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Thermo Fisher/Life Technologies
Tosoh
Veridex
Wako Pure Chemicals
Malla a /DE

Wallac/PE



Zilla

Contains 820 pages and 320 tables



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BRCA1

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C-myb

C-myc

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HPC1

N-myc

P40

P51

P53

PIK3CA

PTI-1

Ras

Reg

Sis

Src

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Actin

Alpha-Actin

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7B2

B72.3

Bax

BCD-F9

BLCA-4

Blood Group Antigens A,B,H

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CA 72-4/TAG-72

CA 195

CA-242

CA-549

**CAM 26** 

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Cluster-5/5A Antigen

**CTA** 

**CU18** 

**DR-70** 

DU-PAN-2

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Endostatin

Epithelial Membrane Antigen

Feulgen Hydrolysis



Fibronectin

**FSH** 

(1->3)-L-fucosyltransferase

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GDCFP-15

Glucagon

Glycoamines

H23

Her-2

Human Carcinoma Antigen

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Cytokeratins/CK18/Cyfra 21-1

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Neurofilaments

Vimentin

**KA 93** 

Kinases

**KP16D3** 

LAI

Leukocyte Common Antigen

Lewis Antigens

Lysophosphatidic Acid (LPA)

Ma 695/Ma 552

MABDF3

MAG

ME1

Minactivin

MN/CA9

**MSA** 

Mucin Cancer Antigen (MCA)

Multiple Tumor Suppressor 1

Myosin

NEA-130

NMP22

OA-519

**Opiod Peptides** 



P-glycoprotein

Pancreatic Oncofetal Antigen (POA)

Placental Lactogen

PR92

Proliferative Index, Ki-67

Px

RB Inactivation/Deletion

Ret

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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

Mackay Life Sciences

Myriad Genetics

Nanogen Elitech

OncoLab

Ortho-Clinical Diagnostics

Panacea Pharmaceuticals

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Zila

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## Segment

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