

# Cancer Diagnostics Market 2021: Supplier Shares and Segment Sales Forecasts by Country, Competitive Profiles, Emerging Markers, Innovative Technologies, Instrumentation Review

https://marketpublishers.com/r/C4D2690B038EN.html

Date: November 2017

Pages: 510

Price: US\$ 7,500.00 (Single User License)

ID: C4D2690B038EN

# **Abstracts**

This new report from VPGMarketResearch.com provides analysis of the global cancer diagnostics market, including emerging tests, technologies, instrumentation, sales forecasts by country, and strategic profiles of leading suppliers.

# The report presents:

Estimated numbers of cancer testing laboratories, as well as test volume and sales forecasts for France, Germany, Italy, Japan, Spain, U.K. and U.S.

Marketing and technological assessment, as well as medical rationale and diagnostic prospects for major categories of circulating and cellular tests, such as Biochemical Markers, Oncogenes, Growth Factors, Hormones, Colony Stimulating Factors, Lymphokines, Immunohistochemical Stains and others.

Overview of the clinical significance and market needs for both current and emerging cancer diagnostic tests, as well as listings of companies, universities and research centers developing or marketing new technologies, products, and applications.

Review of current instrumentation used for cancer diagnostic testing.

Assessment of monoclonal antibodies, immunoassays, DNA probes, biochips/microarrays, chromosome analysis, IT, flow cytometry, biosensors, and



their potential applications for cancer diagnostic testing.

Competing/complementing technologies, such as CT, MRI, NMR, PET and photonics spectroscopy.

Profiles of current and emerging suppliers of cancer diagnostic products, including their sales, product portfolios, distribution tactics, technological knowhow, new products in R&D, collaborative arrangements and business strategies.

Contains 510 pages and 31 tables



# **Contents**

### I. WORLDWIDE BUSINESS ENVIRONMENT

### II. WORLDWIDE MARKET STRUCTURE

### III. 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

**ADA** 

**B-Protein** 

**PNP** 

- 5'-Nucleotidase
- 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

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

**Opiod 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

### IV. INSTRUMENTATION REVIEW: LEADING ANALYZERS MARKETED BY

Abbott, Beckman Coulter/Danaher, Binding Site, bioMerieux, Carolina Chemistries, DiaSorin, Horiba, Inverness/Alere, J&J, Olympus, Roche, Siemens, Tosoh, Vital Diagnostics and other suppliers

### V. CURRENT AND EMERGING TECHNOLOGIES

- 1. Monoclonal and Polyclonal Antibodies
- 2. Immunoassays
  - a. Technological Principle
  - b. Radioimmunoassay (RIA)
  - 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
- e. Liposome Flow-Injection Immunoassay
- 3. Molecular Diagnostics
  - a. Technology Overview
  - b. Amplification Methods

**PCR** 

**DAP-PCR** 

Immuno-PCR

QC-PCR

CAR

DNA

**HPA** 

**LCR** 

**NASBA** 

**QBR** 

**SDA** 

- 3 SR, and others
- 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
  - a. CT
  - b. MRI
  - c. NMR
  - d. PET
  - e. Photonics Spectroscopy



### **VI. COMPETITIVE PROFILES**

**Abbott** 

AdnaGen

Applied Gene Technologies

Arca Biopharma

Beckman Coulter/Danaher

**Becton Dickinson** 

**Biomedical Diagnostics** 

bioMerieux

Bio-Rad

CellSearch

Cepheid

**Decode Genetics** 

Diadexus

Diagnocure

Diasorin

Eiken Chemical

Elitech Group

**Enterix** 

Enzo Biochem

**Epigenomics** 

**Exact Sciences** 

Fujirebio

Hologic/Gen-Probe

**Guided Therapeutics** 

Kreatech/Leica

Kyowa Medex

Mackay Life Sciences

Myriad Genetics

OncoLab

Ortho-Clinical Diagnostics

Panacea Pharmaceuticals

**Polartechnics** 

Polymedco

PreMD

Qiagen/Ipsogen

Radient Pharmaceuticals



Roche

Scienion

Sequenom

Siemens Healthcare

Takara Bio

Targeted Diagnostics & Therapeutics

Tosoh

Thermo Fisher

Vermillion/Correlogic Systems

Wako Pure Chemicals

Wallac/PE

Zila

APPENDIXES: 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

Worldwide, All Market Segments, Laboratories Performing Cancer Diagnostic Testing By Country

Worldwide, All Market Segments, Cancer Diagnostic Test Volume Forecasts By Country Worldwide, All Market Segments, Cancer Diagnostics Sales Forecasts By Country



## I would like to order

Product name: Cancer Diagnostics Market 2021: Supplier Shares and Segment Sales Forecasts by

Country, Competitive Profiles, Emerging Markers, Innovative Technologies,

Instrumentation Review

Product link: https://marketpublishers.com/r/C4D2690B038EN.html

Price: US\$ 7,500.00 (Single User License / Electronic Delivery)

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

Service:

info@marketpublishers.com

# **Payment**

Firet name:

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <a href="https://marketpublishers.com/r/C4D2690B038EN.html">https://marketpublishers.com/r/C4D2690B038EN.html</a>

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

i iist iiaiiie.	
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