

# **2023-2027 US Tumor Markers Testing Market-High-Growth Opportunities for Cancer Diagnostic Tests and Analyzers-Supplier Shares and Strategies, Volume and Sales Segment Forecasts for Major Tumor Markers, 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 U.S. cancer diagnostics market during the next five years. The report is available by section, and can be customized to specific information needs and budget. The report examines trends in the U.S. 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.

## U.S. 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/Group Practices

Cancer Clinics

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

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&nbsp;&nbsp; Abl/abl-bcr

&nbsp;&nbsp; AIB1

&nbsp;&nbsp; BCL-2

&nbsp;&nbsp; BRCA1

&nbsp;&nbsp; CD44

&nbsp;&nbsp; C-fos

&nbsp;&nbsp; C-myb

&nbsp;&nbsp; C-myc

&nbsp;&nbsp; CYP-17

&nbsp;&nbsp; Erb-B

&nbsp;&nbsp; HPC1

&nbsp;&nbsp; N-myc

&nbsp;&nbsp; P40

&nbsp;&nbsp; P51

&nbsp;&nbsp; P53

&nbsp;&nbsp; PIK3CA

&nbsp;&nbsp; PTI-1

&nbsp;&nbsp; Ras

&nbsp;&nbsp; Reg

&nbsp;&nbsp; Sis

&nbsp;&nbsp; Src and others

## 28. Polypeptide Growth Factors

&nbsp;&nbsp; Basic Fibroblast Growth Factor

&nbsp;&nbsp; Beta-TGF

&nbsp;&nbsp; Cachectin (TNT)

&nbsp;&nbsp; Calmodulin

&nbsp;&nbsp; ECFR

&nbsp;&nbsp; Nerve Growth Factor (NGF)

&nbsp;&nbsp; Epidermal Growth Factor (EGF)

&nbsp;&nbsp; Ornithine Decarboxylase

&nbsp;&nbsp; Transferrin

&nbsp;&nbsp; Transforming Growth Factor-Alpha

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&nbsp;&nbsp; Alpha-Interferon

&nbsp;&nbsp; B Cell Growth Factors

&nbsp;&nbsp; B Cell Growth Factor (BCGF)

&nbsp;&nbsp; Gamma-Interferon



&nbsp;&nbsp;&nbsp;Interleukin-1 (IL-1)  
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&nbsp;&nbsp;&nbsp;N-Acetylglucosamine  
&nbsp;&nbsp;&nbsp;Actin  
&nbsp;&nbsp;&nbsp;Alpha-Actin  
&nbsp;&nbsp;&nbsp;Antineuronal Antibodies  
&nbsp;&nbsp;&nbsp;7B2  
&nbsp;&nbsp;&nbsp;B72.3  
&nbsp;&nbsp;&nbsp;Bax  
 &nbsp;&nbsp;BCD-F9  
&nbsp;&nbsp;&nbsp;BLCA-4  
&nbsp;&nbsp;&nbsp;Blood Group Antigens A,B,H  
&nbsp;&nbsp;&nbsp;CA  
&nbsp;&nbsp;&nbsp;CA 72-4/TAG-72  
&nbsp;&nbsp;&nbsp;CA  
&nbsp;&nbsp;&nbsp;CA-242  
&nbsp;&nbsp;&nbsp;CA-549  
&nbsp;&nbsp;&nbsp;CAM  
&nbsp;&nbsp;&nbsp;CAR-3  
&nbsp;&nbsp;&nbsp;Cathepsin-D  
&nbsp;&nbsp;&nbsp;Chromogranin A and B  
&nbsp;&nbsp;&nbsp;Cluster 1 Antigen  
&nbsp;&nbsp;&nbsp;Cluster-5/5A Antigen  
&nbsp;&nbsp;&nbsp;CTA  
&nbsp;&nbsp;&nbsp;CU18  
&nbsp;&nbsp;&nbsp;DR-70  
&nbsp;&nbsp;&nbsp;DU-PAN-2  
&nbsp;&nbsp;&nbsp;Endometrial Bleeding Associated Factor  
&nbsp;&nbsp;&nbsp;Endostatin  
&nbsp;&nbsp;&nbsp;Epithelial Membrane Antigen  
&nbsp;&nbsp;&nbsp;Feulgen Hydrolysis  
&nbsp;&nbsp;&nbsp;Fibronectin  
&nbsp;&nbsp;&nbsp;FSH  
&nbsp;&nbsp;&nbsp;(1-\$\$\$3)-L-fucosyltransferase  
&nbsp;&nbsp;&nbsp;Gastrin-Releasing Peptide (GRP)  
&nbsp;&nbsp;&nbsp;GDCFP-15  
&nbsp;&nbsp;&nbsp;Glucagon

&nbsp;&nbsp;&nbsp;Glycoamines  
&nbsp;&nbsp;&nbsp;H23  
&nbsp;&nbsp;&nbsp;Her-2  
&nbsp;&nbsp;&nbsp;Human Carcinoma Antigen  
&nbsp;&nbsp;&nbsp;HPA  
&nbsp;&nbsp;&nbsp;HSP27  
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&nbsp;&nbsp;&nbsp;Cytokeratins/CK18/Cyfra 21-1  
&nbsp;&nbsp;&nbsp;Desmin  
&nbsp;&nbsp;&nbsp;Gliofibrillary Acid Protein  
&nbsp;&nbsp;&nbsp;Neurofilaments  
&nbsp;&nbsp;&nbsp;Vimentin  
&nbsp;&nbsp;&nbsp;KA  
&nbsp;&nbsp;&nbsp;Kinases  
&nbsp;&nbsp;&nbsp;KP16D3  
&nbsp;&nbsp;&nbsp;LAI  
&nbsp;&nbsp;&nbsp;Leukocyte Common Antigen  
&nbsp;&nbsp;&nbsp;Lewis Antigens  
&nbsp;&nbsp;&nbsp;Lysophosphatidic Acid (LPA)  
&nbsp;&nbsp;&nbsp;Ma 695/Ma  
&nbsp;&nbsp;&nbsp;MABDF3  
&nbsp;&nbsp;&nbsp;MAG  
&nbsp;&nbsp;&nbsp;ME1  
&nbsp;&nbsp;&nbsp;Minactivin  
&nbsp;&nbsp;&nbsp;MN/CA9  
&nbsp;&nbsp;&nbsp;MSA  
&nbsp;&nbsp;&nbsp;Mucin Cancer Antigen (MCA)  
&nbsp;&nbsp;&nbsp;Multiple Tumor Suppressor  
&nbsp;&nbsp;&nbsp;Myosin  
&nbsp;&nbsp;&nbsp;NEA-130  
&nbsp;&nbsp;&nbsp;NMP22  
&nbsp;&nbsp;&nbsp;OA-519  
&nbsp;&nbsp;&nbsp;Opioid Peptides  
&nbsp;&nbsp;&nbsp;P-glycoprotein  
&nbsp;&nbsp;&nbsp;Pancreatic Oncofetal Antigen (POA)  
&nbsp;&nbsp;&nbsp;Placental Lactogen  
&nbsp;&nbsp;&nbsp;PR92  
&nbsp;&nbsp;&nbsp;Proliferative Index, Ki-67  
&nbsp;&nbsp;&nbsp;Px

&nbsp;&nbsp; RB Inactivation/Deletion

&nbsp;&nbsp; Ret

&nbsp;&nbsp; SCCL

&nbsp;&nbsp; Selectin

&nbsp;&nbsp; Sialic Acid

&nbsp;&nbsp; Sialyl SSEA-1/SLX

&nbsp;&nbsp; SN10

&nbsp;&nbsp; Somatostatin

&nbsp;&nbsp; TA-90

&nbsp;&nbsp; TABA

&nbsp;&nbsp; Tachykinin

&nbsp;&nbsp; TAG

&nbsp;&nbsp; TPS

&nbsp;&nbsp; Troponin

&nbsp;&nbsp; Tubulin

&nbsp;&nbsp; VCAM

&nbsp;&nbsp; VEGF

&nbsp;&nbsp; Villen and others

C. Cancer Diagnostic Testing Instrumentation Review and Market Needs

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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

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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:

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

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