

# **2019-2023 US Cancer Diagnostics Market Analysis: Supplier Shares and Strategies, Emerging Tumor Markers, Volume and Sales Segment Forecasts, Technology and Instrumentation**

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## **Abstracts**

Complete report \$9,800. DataPack (test volumes, sales forecasts, supplier shares) \$6,400.

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 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

AdnaGen/Alere

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

Polartechinics

Polymedco

PreMD

Qiagen

Quest Diagnostics

Radiant Pharmaceuticals

Roche

Scienion

Sequenom

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Takara Bio

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Thermo Fisher

Tosoh

Veridex

Wako Pure Chemicals

Wallac/PE

Zila

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ADA

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PNP

5'-Nucleotidase

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AIB1

BCL-2

BRCA1

CD44

C-fos

C-myb

C-myc

CYP-17

Erb-B

HPC1

N-myc

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P53

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PTI-1

Ras

Reg

Sis

Src

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Basic Fibroblast Growth Factor

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Gamma-Interferon

Interleukin-1 (IL-1)

Macrophage Activating Factor

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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  
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-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  
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Tubulin  
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VEGF  
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ELISA

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Becton Dickinson  
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bioMerieux  
Bio-Rad  
CellSearch  
Cepheid  
Correlogic Systems/Vermillion  
Decode Genetics  
Diadexus  
Diagnocure  
Diasorin  
Eiken Chemical  
Elitech Group  
Epigenomics  
Enterix  
Enzo Biochem  
Exact Sciences  
Fujirebio  
Guided Therapeutics  
Hologic/Gen-Probe  
Kreatech/Leica  
Kyowa Medex  
Mackay Life Sciences  
Myriad Genetics  
OncoLab  
Ortho-Clinical Diagnostics  
Panacea Pharmaceuticals  
Polartech  
Polymedco  
PreMD  
Qiagen  
Quest Diagnostics  
Radient Pharmaceuticals

Roche  
Scienion  
Sequenom  
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Targeted Diagnostics & Therapeutics  
Thermo Fisher  
Tosoh  
Veridex  
Wako Pure Chemicals  
Wallac/PE  
Zila

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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  
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U.S., All Market Segment Major Tumor Marker Sales Forecast by Test  
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U.S., HCG Testing Market Diagnostics Sales by Major Supplier  
U.S., Insulin Testing Market Diagnostics Sales by Major Supplier  
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