

# 2017 US Cancer Diagnostics Market: New Frontiers, Business Challenges, Emerging Technologies, Competitive Landscape

<https://marketpublishers.com/r/U858BB033EDEN.html>

Date: March 2017

Pages: 620

Price: US\$ 8,820.00 (Single User License)

ID: U858BB033EDEN

## Abstracts

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

VPGMarketResearch.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

Polartech

Polymedco

PreMD

Qiagen

Quest Diagnostics

Radiant Pharmaceuticals

Roche

Scienion

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Veridex

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C fos

C myb

C myc

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nmyc

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PIK3CA

PTI-

Ras

Reg

Sis

Src

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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  
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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  
Glofibrillary 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  
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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

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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  
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U.S., Cancer Clinics Major Tumor Marker Test Volume Forecast by Test  
U.S., Total Tumor Marker Sales Forecast by Market Segment  
U.S., All Market Segment Major Tumor Marker Sales Forecast by Test  
U.S., Hospital Laboratories Major Tumor Marker Sales Forecast by Test  
U.S., Commercial/Private Laboratories Major Tumor Marker Sales Forecast by Test  
U.S., Physician Offices/Group Practices Major Tumor Marker Sales Forecast by Test  
U.S., Cancer Clinics Major Tumor Marker Sales Forecast by Test  
U.S., ACTH Test Volume and Diagnostics Sales Forecast by Market Segment  
U.S., AFP Test Volume and Diagnostics Sales Forecast by Market Segment  
U.S., Beta 2 Microglobulin Test Volume and Diagnostics Sales Forecast by Market  
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U.S., CA 15 3/27.29 Test Volume and Diagnostics Sales Forecast by Market Segment  
U.S., CA 19 9 Test Volume and Diagnostics Sales Forecast by Market Segment  
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U.S., Calcitonin Test Volume and Diagnostics Sales Forecast by Market Segment



U.S., Cathepsin Test Volume and Diagnostics Sales Forecast by Market Segment  
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U.S., Cytokeratins Test Volume and Diagnostics Sales Forecast by Market Segment  
U.S., Estrogen Receptor Test Volume and Diagnostics Sales Forecast by Market Segment  
U.S., Ferritin Test Volume and Diagnostics Sales Forecast by Market Segment  
U.S., Gastrin Test Volume and Diagnostics Sales Forecast by Market Segment  
U.S., HCG Test Volume and Diagnostics Sales Forecast by Market Segment  
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U.S., Interferons Test Volume and Diagnostics Sales Forecast by Market Segment  
U.S., Interleukins Test Volume and Diagnostics Sales Forecast by Market Segment  
U.S., Lymphocyte Subtyping Test Volume and Diagnostics Sales Forecast by Market Segment  
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U.S., Nucleolar Test Volume and Diagnostics Sales Forecast by Market Segment  
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U.S., Oncogenes Test Volume and Diagnostics Sales Forecast by Market Segment  
U.S., Pancreatic Oncofetal Antigen Test Volume and Diagnostics Sales Forecast by Market Segment  
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U.S., Parathyroid Hormone Test Volume and Diagnostics Sales Forecast by Market Segment  
U.S., Progesterone Receptor Test Volume and Diagnostics Sales Forecast by Market Segment  
U.S., PAP Test Volume and Diagnostics Sales Forecast by Market Segment  
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U.S., TPA Test Volume and Diagnostics Sales Forecast by Market Segment

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U.S., AFP Testing Market Diagnostics Sales by Major Supplier  
U.S., Beta 2 Microglobulin Testing Market Diagnostics Sales by Major Supplier  
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U.S., CA 19-9 Testing Market Diagnostics Sales by Major Supplier  
U.S., CA 125 Testing Market Diagnostics Sales by Major Supplier  
U.S., CEA Testing Market Diagnostics Sales by Major Supplier  
U.S., Ferritin Testing Market Diagnostics Sales by Major Supplier  
U.S., HCG Testing Market Diagnostics Sales by Major Supplier  
U.S., Insulin Testing Market Diagnostics Sales by Major Supplier  
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U.S., PAP Testing Market Diagnostics Sales by Major Supplier  
U.S., Progesterone Receptor Testing Market Diagnostics Sales by Major Supplier  
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