

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

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Abstracts

Complete report \$7,600. DataPack (test volumes, sales forecasts, supplier shares) \$4,900 .

VPGMarketResearchs new report is a study of the major business opportunities emerging in the Japanese cancer diagnostics market during the next five years. The report examines trends in the Japanese 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.

Japan 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

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

Sequenom

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Targeted Diagnostics & Therapeutics

Thermo Fisher

Tosoh

Veridex

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Zilla

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23. TDT
24. THYROGLOBULIN

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ADA

bProtein

PNP

5' Nucleotidase

27. ONCOGENES

Abl/abl bcr

AIB1

BCL-

BRCA1

CD44

C fos

C myb

C myc

CYP-

ErbB

HPC1

nmyc

P40

P51

P53

PIK3CA

PTI-

Ras

Reg

Sis

Src

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Basic Fibroblast Growth Factor

Beta TGF

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Gamma Interferon

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Macrophage Activating Factor

32. IMMUNOHISTOCHEMICAL STAINS

33. EMERGING TUMOR MARKERS

nAcetylglucosamine

Actin

Alpha Actin

Antineuronal Antibodies

7B2

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

Cluster 1 Antigen

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
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-
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
SN10
Somatostatin
TA-
TABA
Tachykinin
TAG
TPS
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Overview

ELISA

Immunofiltration

Particle Membrane Capture Immunoassay

Enzyme Amplification

d. Fluorescent Immunoassays

e. Luminescence

Chemiluminescence

Bioluminescence

f. Latex Agglutination

g. Immunoprecipitation

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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 CEA Tests

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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

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Japan, PAP Testing Market Diagnostics Sales by Major Supplier

Japan, PSA Testing Market Diagnostics Sales by Major Supplier

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