

Future Horizons in the Japanese Cancer Diagnostics Market: Supplier Shares and Sales Forecasts for 40 Tumor Markers by Market Segment

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Abstracts

Highlights

Comprehensive 590-page analysis of the Japanese tumor marker testing market.

Major issues pertaining to the Japanese laboratory practice, as well as key economic, regulatory, demographic, social and technological trends with significant market impact during the next ten years.

Mortality statistics and scientific views on the etiology of major types of cancer, e.g., lung, colorectal, breast, prostatic, pancreatic, leukemia, lymphoma, gastrointestinal, bladder, liver, ovarian, testicular, oral, skin and others.

Ten-year test volume and sales forecasts over for 40 tumor marker performed in Japanese hospitals, commercial laboratories and physician offices.

Placements and installed base of automated and semi-automated analyzers used for tumor marker testing.

Current instrumentation technologies and feature comparison of leading analyzers.

Sales and market shares of leading suppliers.

Emerging diagnostic technologies and their potential market applications.



Product development opportunities.

Profiles of current and emerging suppliers, including their sales, market shares, product portfolios, marketing tactics, technological know-how, new products in R&D, collaborative arrangements and business strategies.

Business opportunities and strategic recommendations for suppliers.

Contains 590 pages and 95 tables



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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

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Basic Fibroblast Growth Factor -Beta-TGF

Cachectin (TNT)



Calmodulin

ECFR

Nerve Growth Factor (NGF)

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Ornithine Decarboxylase

Transferrin

Transforming Growth Factor-Alpha

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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 50

CA 72-4/TAG-72

CA 195

CA-242

CA-549

CAM 26

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 93

Kinases

KP16D3

LAI

Leukocyte Common Antigen

Lewis Antigens

Lysophosphatidic Acid (LPA)

Ma 695/Ma 552

MABDF3

MAG

ME1

Minactivin

MN/CA9

MSA

Mucin Cancer Antigen (MCA)



Multiple Tumor Suppressor 1

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 175

Selectin

Sialic Acid

Sialyl SSEA-1/SLX

SN10

Somatostatin

TA-90

TABA

Tachykinin

TAG 12

TPS

Troponin

Tubulin

VCAM

VEGF

Villen

C. INSTRUMENTATION REVIEW AND MARKET NEEDS

- 1. Abbott AxSYM
- 2. Abbott Architect c4000
- 3. Abbott Architect i2000 Series
- 4. Abbott Architect ci8200 System
- 5. Beckman Coulter UniCel Series
- 6. Beckman Coulter Access



- 7. Binding Site ESP600
- 8. bioMerieux Mini Vidas
- 9. Carolina Chemistries BioLis 24i
- 10. DiaSorin Liaison
- 11. Horiba ABX Pentra 400
- 12. Inverness DS2
- 13. J&J Vitros ECi/ECiQ
- 14. J&J Vitros 3600
- 15. J&J Vitros 5600
- 16. Olympus AU5400
- 17. Olympus AU3000i
- 18. Olympus AU2700
- 19. Roche Modular Analytics
- 20. Roche Cobas Integra 400
- 21. Roche Cobas Integra 400 Plus
- 22. Roche Elecsys
- 23. Roche Cobas c311
- 24. Siemens ADVIA Centaur
- 25. Siemens Dimension
- 26. Siemens Dimension RxL Max
- 27. Siemens Dimension Vista 500
- 28. Siemens Immulite
- 29. Siemens Stratus
- 30. Tosoh AIA-Series
- 31. Vital Diagnostics ATAC 8000
- 32. Vital Diagnostics Envoy 500

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 - 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)
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JAPAN

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MAJOR PRODUCT DEVELOPMENT OPPORTUNITIES

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- B. Instrumentation
- C. Computers, Software and Automation
- D. Auxiliary Products

DESIGN CRITERIA FOR DECENTRALIZED TESTING PRODUCTS

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COMPETITIVE PROFILES

Abbott

AdnaGen

Applied Gene Technologies

Arca

Beckman Coulter/Danaher

Becton Dickinson

Biomedical Diagnostics

bioMerieux

Bio-Rad

Cepheid

Correlogic Systems

Dako

Decode

Diadexus

Diagnocure

Diasorin

Eiken Chemical

Enterix

Enzo Biochem

Epigenomics

Exact Sciences

Fujirebio

Gen-Probe

Guided Therapeutics

Hologic

Ipsogen

Kreatech

Kyowa Medex

Life Technologies

Mackay Life Sciences

Myriad Genetics



Nanogen Elitech

OncoLab

Otho-Clinical Diagnostics

Panacea Pharmaceuticals

Polartechnics

Polymedco

PreMD

Qiagen

Radient Pharmaceuticals

Roche

Scienion

Sequenom

Siemens Healthcare

Takara Bio

Targeted Diagnostics & Therapeutics

Tosoh

Veridex

Wako Pure Chemicals

Wallac/PE

Zila

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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

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Japan, Total Tumor Marker Testing Volume Forecast by Market Segment
Japan, All Market Segments Major Tumor Marker Test Volume Forecast
Japan, Hospital Laboratories Major Tumor Marker Test Volume Forecast by Test
Japan, Commercial/Private Laboratories Major Tumor Marker Test Volume Forecast
Japan, Total Tumor Marker Sales Forecast by Market Segment
Japan, All Market Segments Major Tumor Marker Sales Forecast by Test
Japan, Hospital Laboratories Major Tumor Marker Sales Forecast by Test
Japan, Commercial/Private Laboratories Major Tumor Marker Sales Forecast by Test
Japan, ACTH Test Volume and Diagnostics Sales Forecast by Market Segment
Japan, AFP Test Volume and Diagnostics Sales Forecast by Market Segment
Japan, Beta-2 Microglobulin Test Volume and Diagnostics Sales Forecast by Market
Segment

Japan, CA 15-3/27.29 Test Volume and Diagnostics Sales Forecast by Market Segment Japan, CA 19-9 Test Volume and Diagnostics Sales Forecast by Market Segment Japan, CA-125 Test Volume and Diagnostics Sales Forecast by Market Segment Japan, Calcitonin Test Volume and Diagnostics Sales Forecast by Market Segment Japan, Cathepsin Test Volume and Diagnostics Sales Forecast by Market Segment Japan, CEA Test Volume and Diagnostics Sales Forecast by Market Segment Japan, Chromogranin Test Volume and Diagnostics Sales Forecast by Market Segment Japan, Colon-Specific Antigen Test Volume And Diagnostics Sales Forecast by Market Segment Segment

Japan, Cytokeratins Test Volume and Diagnostics Sales Forecast by Market Segment Japan, Estrogen Receptor Test Volume and Diagnostics Sales Forecast by Market Segment

Japan, Ferritin Test Volume and Diagnostics Sales Forecast by Market Segment Japan, Gastrin Test Volume and Diagnostics Sales Forecast by Market Segment Japan, HCG Test Volume and Diagnostics Sales Forecast by Market Segment Japan, Insulin Test Volume and Diagnostics Sales Forecast by Market Segment Japan, Interferons Test Volume and Diagnostics Sales Forecast by Market Segment Japan, Interleukins Test Volume and Diagnostics Sales Forecast by Market Segment Japan, Lymphocyte Subtyping Test Volume and Diagnostics Sales Forecast by Market Segment Segment

Japan, NSE Test Volume and Diagnostics Sales Forecast by Market Segment Japan, Nucleolar Test Volume and Diagnostics Sales Forecast by Market Segment Japan, Occult Blood Test Volume and Diagnostics Sales Forecast by Market Segment Japan, Oncogenes Test Volume and Diagnostics Sales Forecast by Market Segment Japan, Pancreatic Oncofetal Antigen Test Volume and Diagnostics Sales Forecast by Market Segment

Japan, PAP Smear Test Volume and Diagnostics Sales Forecast by Market Segment



Japan, Parathyroid Hormone Test Volume and Diagnostics Sales Forecast by Market Segment

Japan, Progesterone Receptor Test Volume and Diagnostics Sales Forecast by Market Segment

Japan, PAP Test Volume and Diagnostics Sales Forecast by Market Segment Japan, PSA Test Volume and Diagnostics Sales Forecast by Market Segment Japan, S-100 Protein Test Volume and Diagnostics Sales Forecast by Market Segment Japan, Serotonin Test Volume and Diagnostics Sales Forecast by Market Segment Japan, Sialic Acid Test Volume and Diagnostics Sales Forecast by Market Segment Japan, Squamous Cell Carcinoma Antigen Test Volume and Diagnostics Sales Forecast by Market Segment

Japan, TDT Test Volume and Diagnostics Sales Forecast by Market Segment Japan, Thymidine Kinase Test Volume and Diagnostics Sales Forecast by Market Segment

Japan, Thyroglobulin Test Volume and Diagnostics Sales Forecast by Market Segment

Japan, TPA, Test Volume and Diagnostics Sales Forecast by Market Segment

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Japan, CA 15-3/27.29 Testing Market Diagnostics Sales by Major Supplier

Japan, CA 19-9 Testing Market Diagnostics Sales by Major Supplier

Japan, CA 125 Testing Market Diagnostics Sales by Major Supplier

Japan, Calcitonin Testing Market Diagnostics Sales by Major Supplier

Japan, PAP Testing Market Diagnostics Sales by Major Supplier

Japan, PSA Testing Market Diagnostics Sales by Major Supplier



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