

# Japan Hospital Cancer Diagnostics Market, 2019-2023: Supplier Shares, Competitive Landscape, Innovative Technologies, Instrumentation Review

https://marketpublishers.com/r/JAECACC0DCCEN.html

Date: May 2019

Pages: 537

Price: US\$ 4,850.00 (Single User License)

ID: JAECACCODCCEN

# **Abstracts**

This new report from LeadingMarketResearch.com contains 537 pages, 42 tables, and presents a comprehensive analysis of the Japanese hospital cancer diagnostics market, including:

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

Test volume and sales forecasts for 40 cancer diagnostic procedures performed in Japanese hospitals.

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 supplier

Contains 537 pages and 42 tables



## **Contents**

#### INTRODUCTION

#### WORLDWIDE MARKET AND TECHNOLOGY OVERVIEW

- A. Cancer Statistics and Etiology
  - 1. Breast Cancer
  - 2. Lung Cancer
  - 3. Colon and Rectum Cancer
  - 4. Prostate Cancer
  - 5. Stomach Cancer
  - 6. Leukemia
  - 7. Lymphoma
  - 8. Oral Cancer
  - 9. Skin Cancer
  - 10. Uterine Cancer
  - 11. Ovarian Cancer
  - 12. Bladder Cancer
- B. Major Current And Emerging Cancer Diagnostic Tests
  - 1. Introduction
  - 2. Tumor Marker Classification
  - 3. ACTH
  - 4. Alpha-Fetoprotein (AFP)
  - 5. Beta-2 Microglobulin
  - 6. CA 15-3/27.29
  - 7. CA 19-9
  - 8. CA-125
  - 9. Calcitonin
  - 10. Carcinoembrionic Antigen (CEA)
  - 11. Estrogen and Progesterone Receptors
  - 12. Ferritin
  - 13. Gastrin
  - 14. Human Chorionic Gonadotropin (HCG)
  - 15. Insulin
  - 16. NSE
  - 17. Occult Blood
  - 18. PAP Smear/HPV
  - 19. Prostatic Acid Phosphatase (PAP)



- 20. Prostate-Specific Antigen (PSA)
- 21. Squamous Cell Carcinoma Antigen (SCC)
- 22. T and B Lymphocytes
- 23. TdT
- 24. Thyroglobulin
- 25. Tissue Polypeptide Antigen (TPA)
- 26. Biochemical Tumor Markers

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

28. Polypeptide Growth Factors

Basic Fibroblast Growth Factor

Beta-TGF

Cachectin (TNT)

Calmodulin

**ECFR** 



Nerve Growth Factor (NGF)

Epidermal Growth Factor (EGF)

Ornithine Decarboxylase

Transferrin

Transforming Growth Factor-Alpha

- 29. Ectopic Hormones
- 30. Colony Stimulating Factors
- 31. Lymphokines

Alpha-Interferon

**B Cell Growth Factors** 

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

B-72.3

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

Gluca

Minactivin

MN/CA9

MSA

Mucin Cancer Antigen (MCA)

Multiple Tumor Suppressor

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** 

Selectin

Sialic Acid

Sialyl SSEA-1/SLX

**SN10** 

Somatostatin

TA-90

**TABA** 

Tachykinin



**TAG** 

**TPS** 

**Troponin** 

Tubulin

**VCAM** 

**VEGF** 

Villen

- C. Instrumentation Review And Market Needs
  - 1. Abbott AxSYM
  - 2. Abbott Architect c4000
  - 3. Abbott Architect i200- Series
  - 4. Abbott Architect ci820- 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
  - 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
  - 21. Roche Cobas Integra 40- Plus
  - 22. Roche Elecsys
  - 23. Roche Cobas c311
  - 24. Siemens ADVIA Centaur
  - 25. Siemens Dimension
  - 26. Siemens Dimension RxL Max
  - 27. Siemens Dimension Vista
  - 28. Siemens Immulite
  - 29. Siemens Stratus
  - 30. Tosoh AIA-Series
  - 31. Vital Diagnostics ATAC 8000



- 32. Vital Diagnostics Envoy
- D. Current and Emerging Technologies
  - 1. Monoclonal and Polyclonal Antibodies
  - 2. Immunoassays
    - a. Technological Principle
    - 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)
  - b. Acute Myeloid Leukemia (AML)
  - c. Acute Lymphoblastic Leukemia (ALL)



- d. Malignant Lymphomas Lymphoid Malignancies
- e. Chronic Lymphocytic Leukemia (CLL)
- f. Solid Cancers
- g. Chromosomal Translocation and Oncogenes
- 5. Artificial Intelligence
- 6. Flow Cytometry
- 7. Two Dimensional Gel Electrophoresis (2-DGE)
- 8. Biosensors
- 9. Competing/Complementing Technologies
  - a. CT
  - b. MRI
  - c. NMR
  - d. PET
- e. Photonics Spectroscopy
- E. Personal Testing

#### **JAPAN**

- A. Executive Summary
- B. Business Environment
- C. Market Structure
- D. Market Size, Growth and Major Suppliers

## MAJOR PRODUCT DEVELOPMENT OPPORTUNITIES

- A. Reagent Kits and Test Systems/Panels
- B. Instrumentation
- C. Computers, Software and Automation
- D. Auxiliary Products

## DESIGN CRITERIA FOR DECENTRALIZED TESTING PRODUCTS

#### ALTERNATIVE MARKET PENETRATION STRATEGIES

- A. Internal Development
- B. Collaborative Arrangements
- C. University Contracts
- D. Distribution Strategies
  - 1. Marketing Approaches



- 2. Product Complexity
- 3. Customer Preference
- 4. Established Suppliers
- 5. Emerging Suppliers
- 6. Major Types of Distributors
- 7. Market Segmentation Factor

## POTENTIAL MARKET ENTRY BARRIERS AND RISKS

- A. Market Maturity
- B. Cost Containment
- C. Competition
- D. Technological Edge and Limitations
- E. Patent Protection
- F. Regulatory Constraints
- G. Decentralized Testing Market Challenges

## **COMPETITIVE PROFILES**

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

Otho-Clinical Diagnostics

Panacea Pharmaceuticals

Polartechnics

Polymedco

**PreMD** 

Qiagen

**Quest Diagnostics** 

Radient Pharmaceuticals

Roche

Scienion

Sequenom

Siemens Healthcare

Takara Bio

**Targeted Diagnostics & Therapeutics** 

Thermo Fisher

Tosoh

Veridex

Wako Pure Chemicals

Wallac/PE

Zila

## **APPENDIXES**

Appendix I: Major Universities and Research Centers Developing Cancer Diagnostic

Technology and Applications

Appendix II: Assumed Currency Exchange Rates



# **List Of Tables**

#### LIST OF TABLES

**Tumor Marker Classification** 

Major Companies Developing or Marketing ACTH Tests

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

Colony Stimulating Factors Potential Applications in Cancer Diagnosis

Lymphokines Potential Applications In Cancer Diagnosis

Immunohistochemical Stains Potential Applications in Cancer Diagnosis

Executive Summary Table: Japan, Hospital Cancer Diagnostic Test Volume and Sales Forecast

Japan, Estimated Cancer Death Rates Per 100,000 Population

Japan, Hospital Laboratories Performing Cancer Diagnostic Tests

Japan, Hospital Laboratories Performing Cancer Diagnostic Tests by Bed Size

Japan, Hospital Laboratories Major Cancer Diagnostic Test Volume Forecast by Test

Japan, Hospital Laboratories Cancer Diagnostic Sales Forecast by Test



Japan, Total Cancer Diagnostics Sales by Major Supplier
Japan, AFP Testing Market Diagnostics Sales by Major Supplier
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



## I would like to order

Product name: Japan Hospital Cancer Diagnostics Market, 2019-2023: Supplier Shares, Competitive

Landscape, Innovative Technologies, Instrumentation Review

Product link: https://marketpublishers.com/r/JAECACC0DCCEN.html

Price: US\$ 4,850.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer

Service:

info@marketpublishers.com

# **Payment**

First name:

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <a href="https://marketpublishers.com/r/JAECACCODCCEN.html">https://marketpublishers.com/r/JAECACCODCCEN.html</a>

To pay by Wire Transfer, please, fill in your contact details in the form below:

Last name:	
Email:	
Company:	
Address:	
City:	
Zip code:	
Country:	
Tel:	
Fax:	
Your message:	
	**All fields are required
	Custumer signature

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <a href="https://marketpublishers.com/docs/terms.html">https://marketpublishers.com/docs/terms.html</a>

To place an order via fax simply print this form, fill in the information below and fax the completed form to +44 20 7900 3970



