

## 2017 Asia-Pacific Tumor Marker Diagnostics Market: Sales Forecasts and Strategies, Supplier Shares--Emerging Tumor Markers, Technologies and Opportunities

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## **Abstracts**

This new 17-country report from VPGMarketResearch.com is available by country, market segment, section, or individual test.

This report is designed to assist diagnostics industry executives, as well as companies planning to diversify into the dynamic and rapidly expanding cancer diagnostic testing market, in evaluating emerging opportunities and developing effective business strategies during the next five years.

The report provides granular market segmentation analysis and forecasts for over 40 tumor markers; profiles leading suppliers and recent market entrants with innovative technologies and products; reviews current and emerging assays; reviews current instrumentation; evaluates emerging technologies; and offers specific opportunities and growth strategies 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.

## **Country Analyses**

Australia, Bangladesh, China, Hong Kong, India, Indonesia, Japan, Malaysia, Myanmar, New Zealand, Pakistan, Philippines, Singapore, South Korea, Taiwan, Thailand, Vietnam

## **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 Tests**

Oncogenes - Biochemical Markers - Growth Factors - Colony Stimulating Factors - Hormones - Immunohistochemical Stains - Lymphokines

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 in major



countries by individual test.

Five-year test volume and sales forecasts for major cancer diagnostic assays.

#### **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 technologies and their potential applications for cancer diagnostic testing.

Review of competing/complementing technologies.

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 cancer diagnostic 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/Theradiag
bioMerieux
Bio-Rad
CellSearch
Cepheid
Correlogic Systems/Vermillion
Decode Genetics
Diadexus
DiaSorin
Eiken Chemical
Elitech Group
Enterix/Clinical Genomics
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
Polartechnics
Polymedco
PreMD
Qiagen
Quest Diagnostics
Radient Pharmaceuticals
Roche
Scienion
Sequenom
Siemens Healthcare
Takara Bio



Targeted Diagnostics & Therapeutics

Thermo Fisher/Affymetrix

Tosoh

Veridex

Wako Pure Chemicals

Wallac/PE

Zilla/Alere

Contains 1,450 pages and 582 tables



## **Contents**

#### I. INTRODUCTION

#### **II. MARKET OVERVIEW**

#### **III. MAJOR PRODUCT DEVELOPMENT OPPORTUNITIES**

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

#### IV. DESIGN CRITERIA FOR DECENTRALIZED TESTING PRODUCTS

#### V. ALTERNATIVE MARKET PENETRATION STRATEGIES

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

#### VI. 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

## VII. 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
  - 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)

Macrophage Activating Factor

Gamma-Interferon Interleukin-1 (IL-1)



### 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

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

KΑ

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** 

Tachykinin

TAG

**TPS** 

Troponin

**Tubulin** 

**VCAM** 

**VEGF** 

Villen

- C. Cancer Diagnostic Testing Instrumentation Review and Market Needs
- D. Current and Emerging Cancer Diagnostic Technologies
  - 1. MONOCLONAL AND POLYCLONAL ANTIBODIES
  - 2. IMMUNOASSAYS
  - 3. MOLECULAR DIAGNOSTICS
  - 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
- E. Personal Testing

# VIII. COUNTRY MARKET ANALYSES: TEST VOLUME AND SALES FORECASTS, SUPPLIER SHARES

### Australia



Bangladesh

China

Hong Kong

India

Indonesia

Japan

Malaysia

Myanmar

New Zealand

Pakistan

**Philippines** 

Singapore

South Korea

Taiwan

Thailand

Vietnam

#### IX. 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

Ortho-Clinical Diagnostics

Panacea Pharmaceuticals

Polartechnics

Polymedco

PreMD

Qiagen

**Quest Diagnostics** 

Radient Pharmaceuticals

Roche

Scienion

Sequenom

Siemens Healthcare

Takara Bio

**Targeted Diagnostics & Therapeutics** 

Tosoh

Thermo

Veridex

Wako Pure Chemicals

Wallac/PE

Zila

# X. APPENDIX: MAJOR UNIVERSITIES AND RESEARCH CENTERS DEVELOPING CANCER DIAGNOSTIC TECHNOLOGIES AND APPLICATIONS



## **List Of Tables**

#### LIST OF TABLES

Australia Cancer Diagnostic Volume Forecasts by Test
Bangladesh Cancer Diagnostics Sales Forecasts by Test
Bangladesh Cancer Diagnostics Sales Forecasts by Test
Bangladesh Cancer Diagnostics Sales Forecasts by Test
China Cancer Diagnostic Volume Forecasts by Test
China Cancer Diagnostics Sales Forecasts by Test
Hong Kong Cancer Diagnostic Volume Forecasts by Test
Hong Kong Cancer Diagnostics Sales Forecasts by Test
India Cancer Diagnostic Volume Forecasts by Test
India Cancer Diagnostics Sales Forecasts by Test
Indonesia Cancer Diagnostic Volume Forecasts by Test
Indonesia Cancer Diagnostic Volume Forecasts by Test
Indonesia Cancer Diagnostics Sales Forecasts by Test
Japan Executive Summary Table: Total Tumor Marker Test Volume and Sales Forecast
by Market Segment

Japan, Estimated Cancer Death Rates Per 100,000 Population

Japan, Laboratories Performing Tumor Marker Tests by Market Segment

Japan, Hospital Laboratories Performing Tumor Marker Tests by Bed Size

Japan, Commercial/Private Laboratories Performing Tumor Marker Tests by Annual Test Volume

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

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 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 Japan, Total Tumor Marker Sales by Major Suppliers



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

Malaysia Cancer Diagnostic Volume Forecasts by Test

Malaysia Cancer Diagnostics Sales Forecasts by Test

Myanmar Cancer Diagnostic Volume Forecasts by Test

Myanmar Cancer Diagnostics Sales Forecasts by Test

New Zealand Cancer Diagnostic Volume Forecasts by Test

New Zealand Cancer Diagnostics Sales Forecasts by Test

Pakistan Cancer Diagnostic Volume Forecasts by Test

Pakistan Cancer Diagnostics Sales Forecasts by Test

Philippines Cancer Diagnostic Volume Forecasts by Test

Philippines Cancer Diagnostic Volume Forecasts by Test

Singapore Cancer Diagnostic Volume Forecasts by Test

Singapore Cancer Diagnostics Sales Forecasts by Test

South Korea Cancer Diagnostic Volume Forecasts by Test

South Korea Cancer Diagnostics Sales Forecasts by Test

Taiwan Cancer Diagnostic Volume Forecasts by Test

Taiwan Cancer Diagnostics Sales Forecasts by Test

Thailand Cancer Diagnostic Volume Forecasts by Test

Thailand Cancer Diagnostics Sales Forecasts by Test

Vietnam Cancer Diagnostic Volume Forecasts by Test

Vietnam Cancer Diagnostics Sales Forecasts by Test 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



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