

# Thailand Tumor Marker Testing Market: Emerging Oncogenes, Biochemical Markers, Lymphokines, GFs, CSFs, Hormones, Immunohistochemical Stains—Test Volume and Sales Forecasts, Competitive Strategies, Opportunities for Suppliers

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# **Abstracts**

This new report from VPGMarketResearch.com provides a strategic analysis of the major business opportunities emerging in the cancer diagnostics market during the next five years. The report examines emerging trends in the cancer diagnostics market; reviews current and emerging tests; analyzes potential applications of innovative technologies; forecasts volume and sales for major cancer diagnostics tests; profiles leading market players and potential entrants; and suggests alternative market expansion 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 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.

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.

Cancer Diagnostic Tests Analyzed in the Report--over 200 current and emerging assays, including Biochemical Markers, Oncogenes, Growth Factors, Hormones, Colony Stimulating Factors, Lymphokines and Immunohistochemical Stains, such as:

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.

### Instrumentation Review

Analysis of major immunoassay analyzers used for cancer diagnostic testing, including their operating characteristics, features and selling prices.

## **Technology Review**

Assessment of monoclonal antibodies, immunoassays, DNA probes, biochips/microarrays, chromosome analysis, IT, artificial intelligence, flow cytometry, biosensors, 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 Assessments

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.

Contains 535 pages and 70 tables



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- 24. THYROGLOBULIN
- 25. TISSUE POLYPEPTIDE ANTIGEN (TPA)
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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
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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 CANCER DIAGNOSTICS

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

**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

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  - b. Acute Myeloid Leukemia (AML)
  - c. Acute Lymphoblastic Leukemia (ALL)
  - d. Malignant Lymphomas Lymphoid Malignancies
  - e. Chronic Lymphocytic Leukemia (CLL)
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- g. Chromosomal Translocation and Oncogenes
- 5. ARTIFICIAL INTELLIGENCE



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**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

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CA 15-3/27.29 Test Volume and Diagnostics Sales Forecast

CA 19-9 Test Volume and Diagnostics Sales Forecast

CA-125 Test Volume and Diagnostics Sales Forecast

Calcitonin Test Volume and Diagnostics Sales Forecast

Cathepsin Test Volume and Diagnostics Sales Forecast

CEA Test Volume and Diagnostics Sales Forecast

Chromogranin Test Volume and Diagnostics Sales Forecast

Colon-specific Antigen Test Volume and Diagnostics Sales Forecast

Cytokeratins Test Volume and Diagnostics Sales Forecast

Estrogen Receptor Test Volume and Diagnostics Sales Forecast

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Gastrin Test Volume and Diagnostics Sales Forecast

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Insulin Test Volume and Diagnostics Sales Forecast

Interferons Test Volume and Diagnostics Sales

Interleukins Test Volume and Diagnostics Sales Forecast

Lymphocyte Subtyping Test Volume and Diagnostics Sales Forecast

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Nucleolar Test Volume and Diagnostics Sales Forecast

Occult Blood Test Volume and Diagnostics Sales Forecast

Oncogenes Test Volume and Diagnostics Sales Forecast

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PAP Smear Test Volume and Diagnostics Sales Forecast

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Progesterone Receptor Test Volume and Diagnostics Sales Forecast

PAP Test Volume and Diagnostics Sales Forecast

PSA Test Volume and Diagnostics Sales Forecast

S-100 Protein Test Volume and Diagnostics Sales Forecast

Serotonin Test Volume and Diagnostics Sales Forecast



Sialic Acid Test Volume and Diagnostics Sales Forecast

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Major Companies Developing or Marketing Calcitonin Tests

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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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