

# 2017 Finland Cancer Diagnostics Market: Emerging Cancer Diagnostics, 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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  - 23. TDT



- 24. THYROGLOBULIN
- 25. TISSUE POLYPEPTIDE ANTIGEN (TPA)
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- 27. ONCOGENES

Abl/abl bcr

AIB1

BCL2

BRCA1

**CD44** 

C-fos

C-myb

C-myc

CYP 17

**ErbB** 

HPC1

Nmyc

P40

P51

P53

PIK3CA

PTI1

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 (IL1)

Macrophage Activating Factor

32. IMMUNOHISTOCHEMICAL STAINS

33. EMERGING CANCER DIAGNOSTICS

NAcetylglucosamine

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 AN2

**Endometrial Bleeding Associated Factor** 

Endostatin

Epithelial Membrane Antigen

Feulgen Hydrolysis

Fibronectin

**FSH** 



(1 >3) Lfucosyltransferase

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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#### 9. CURRENT AND EMERGING TECHNOLOGIES

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- 2. IMMUNOASSAYS
- 3. MOLECULAR DIAGNOSTICS
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  - 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. TW DIMENSIONAL GEL ELECTROPHORESIS (2 DGE)
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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/Genrobe

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 Fisher/Affimetrix

Veridex

Wako Pure Chemicals

Wallac/PE

Zila

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CA 15 3/27.29 Test Volume and Diagnostics Sales Forecast

CA 199 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

Ferritin Test Volume and Diagnostics Sales Forecast

Gastrin Test Volume and Diagnostics Sales Forecast

HCG Test Volume and Diagnostics Sales Forecast

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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Pancreatic Oncofetal Antigen Test Volume and Diagnostics Sales Forecast

PAP Smear Test Volume and Diagnostics Sales Forecast

Parathyroid Hormone Test Volume and Diagnostics Sales Forecast

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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Cancer Diagnostic Classification

Major Companies Developing or Marketing ACTH Tests

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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 199 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

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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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