

2022-2026 Israel Tumor Markers Diagnostic Testing Market Assessment-Oncogenes, Biomarkers, GFs, CSFs, Hormones, Stains, Lymphokines-Competitive Shares and Strategies, Volume and Sales Segment Forecasts, Latest Technologies and Instrumentation Pipeline, Emerging Opportunities for Suppliers

https://marketpublishers.com/r/26764BD7437BEN.html

Date: July 2022

Pages: 0

Price: US\$ 2,850.00 (Single User License)

ID: 26764BD7437BEN

Abstracts

This new report from LeadingMarketResearch.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.

The report is available by section, and can be customized to specific information needs and budget.

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.



Contents

- I. INTRODUCTION
- **II. MARKET OVERVIEW**
- **III. MAJOR PRODUCT DEVELOPMENT OPPORTUNITIES**
- IV. DESIGN CRITERIA FOR DECENTRALIZED TESTING PRODUCTS
- V. ALTERNATIVE MARKET PENETRATION STRATEGIES
- VI. POTENTIAL MARKET ENTRY BARRIERS AND RISKS
- VII. MAJOR CURRENT AND EMERGING CANCER DIAGNOSTIC TESTS
 - 1. Introduction
 - 2. Cancer Diagnostic 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 Cancer Diagnostics
- 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 and others

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 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

KA

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 and others

VIII. INSTRUMENTATION REVIEW AND MARKET NEEDS

IX. CURRENT AND EMERGING 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

X. MARKET SIZE, TEST VOLUME AND SALES FORECASTS

XI. COMPETITIVE PROFILES

The report provides strategic assessments of over 30 leading cancer diagnostics market players and start-up companies with innovative technologies and products, including:

Abbott

Affymetrix

Beckman Coulter/Danaher/Cepheid

Becton Dickinson

bioMerieux

Bio-Rad

DiaSorin

Eiken Chemical

Elitech Group

Enzo Biochem

Fuifilm Wako

Fujirebio

Grifols

Hologic

Leica Biosystems

Ortho-Clinical Diagnostics

PerkinElmer

Qiagen

Roche

Siemens Healthineers

Takara Bio

Thermo Fisher and others.



List Of Tables

LIST OF TABLES

Cancer Diagnostic Test Volume and Sales Forecasts

Cancer Diagnostic Volume Forecast by Test

Cancer Diagnostics Sales Forecast by Test

ACTH Test Volume and Diagnostics Sales Forecast

AFP Test Volume and Diagnostics Sales Forecast

Beta-2 Microglobulin Test Volume and Diagnostics Sales Forecast

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

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

NSE Test Volume and Diagnostics Sales Forecast

Nucleolar Test Volume and Diagnostics Sales Forecast

Occult Blood Test Volume and Diagnostics Sales Forecast

Oncogenes Test Volume and Diagnostics Sales Forecast

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

Squamous Cell Carcinoma Antigen Test Volume and Diagnostics Sales Forecast

TDT Test Volume and Diagnostics Sales Forecast

Thymidine Kinase Test Volume and Diagnostics Sales Forecast

Thyroglobulin Test Volume and Diagnostics Sales Forecast

TPA Test Volume and Diagnostics Sales Forecast

Cancer Diagnostic 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 Sub-classification 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



I would like to order

Product name: 2022-2026 Israel Tumor Markers Diagnostic Testing Market Assessment-Oncogenes,

Biomarkers, GFs, CSFs, Hormones, Stains, Lymphokines-Competitive Shares and

Strategies, Volume and Sales Segment Forecasts, Latest Technologies and

Instrumentation Pipeline, Emerging Opportunities for Suppliers

Product link: https://marketpublishers.com/r/26764BD7437BEN.html

Price: US\$ 2,850.00 (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 https://marketpublishers.com/r/26764BD7437BEN.html

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 https://marketpublishers.com/docs/terms.html



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