

2017 Canada 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

Contents

- 1. INTRODUCTION**
- 2. MARKET OVERVIEW**
- 3. MAJOR PRODUCT DEVELOPMENT OPPORTUNITIES**
- 4. DESIGN CRITERIA FOR DECENTRALIZED TESTING PRODUCTS**
- 5. ALTERNATIVE MARKET PENETRATION STRATEGIES**
- 6. POTENTIAL MARKET ENTRY BARRIERS AND RISKS**
- 7. 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 199
 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

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
Glofibrillary 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
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

8. INSTRUMENTATION REVIEW AND MARKET NEEDS

9. 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. TW DIMENSIONAL GEL ELECTROPHORESIS (2 DGE)
- 8. BIOSENSORS
- 9. COMPETING/COMPLEMENTING TECHNOLOGIES

10. MARKET SIZE, TEST VOLUME AND SALES FORECASTS

11. 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/Genrobe
Kreatech/Leica
Kyowa Medex
Mackay Life Sciences
Myriad Genetics

OncoLab
Ortho Clinical Diagnostics
Panacea Pharmaceuticals
Polartechnics
Polymedco
PreMD
Qiagen
Quest Diagnostics
Radiant Pharmaceuticals
Roche
Scienion
Sequenom
Siemens Healthcare
Takara Bio
Targeted Diagnostics & Therapeutics
Tosoh
Thermo Fisher/Affimetrix
Veridex
Wako Pure Chemicals
Wallac/PE
Zila

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

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 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
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 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
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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