

2019-2023 Czech Republic Cancer Diagnostics Market: Supplier Strategies, Emerging Tumor Markers, Volume and Sales Forecasts, Technology and Instrumentation Review

<https://marketpublishers.com/r/C079739E6C9EN.html>

Date: January 2019

Pages: 535

Price: US\$ 4,850.00 (Single User License)

ID: C079739E6C9EN

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.

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

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. Carcinoembryonic 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
- 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 50
CA 72-4/TAG-72
CA 195
CA-242
CA-549
CAM 26
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 93
Kinases
KP16D3
LAI
Leukocyte Common Antigen
Lewis Antigens
Lysophosphatidic Acid (LPA)
Ma 695/Ma 552
MABDF3
MAG
ME1
Minactivin
MN/CA9
MSA
Mucin Cancer Antigen (MCA)
Multiple Tumor Suppressor 1
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 175
Selectin
Sialic Acid
Sialyl SSEA-1/SLX
SN10
Somatostatin
TA-90
TABA
Tachykinin
TAG 12
TPS
Troponin
Tubulin
VCAM
VEGF
Villen

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

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
Radiant Pharmaceuticals
Roche
Scienion
Sequenom
Siemens Healthcare
Takara Bio
Targeted Diagnostics & Therapeutics
Tosoh
Thermo Fisher/Affimetrix
Veridex
Wako Pure Chemicals
Wallac/PE
Zila

XII. 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 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: 2019-2023 Czech Republic Cancer Diagnostics Market: Supplier Strategies, Emerging Tumor Markers, Volume and Sales Forecasts, Technology and Instrumentation Review

Product link: <https://marketpublishers.com/r/C079739E6C9EN.html>

Price: US\$ 4,850.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/C079739E6C9EN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:
Last name:
Email:
Company:
Address:
City:
Zip code:
Country:
Tel:
Fax:
Your message:

****All fields are required**

Customer 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

