

# 2017 Middle East Cancer Diagnostics Market: Sales Forecasts and Strategies, Supplier Shares--Emerging Tumor Markers, Technologies and Opportunities

https://marketpublishers.com/r/2581BAB2C25EN.html

Date: February 2017

Pages: 530

Price: US\$ 8,865.00 (Single User License)

ID: 2581BAB2C25EN

# **Abstracts**

This new 11-country report from VPGMarketResearch.com is available by country, market segment, section, or individual test.

This report is designed to assist diagnostics industry executives, as well as companies planning to diversify into the dynamic and rapidly expanding cancer diagnostic testing market, in evaluating emerging opportunities and developing effective business strategies during the next five years.

The report provides granular market segmentation analysis and forecasts for over 40 tumor markers; profiles leading suppliers and recent market entrants with innovative technologies and products; reviews current and emerging assays; reviews current instrumentation; evaluates emerging technologies; and offers specific opportunities and growth 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 worldwide 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 worldwide.



# **Country Analyses**

Bahrain, Iran, Iraq, Israel, Jordan, Kuwait, Lebanon, Oman, Qatar, Saudi Arabia, United Arab Emirates

# **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.

# **Over 200 Current and Emerging Cancer Diagnostic Tests**

Oncogenes - Biochemical Markers - Growth Factors - Colony Stimulating Factors - Hormones - Immunohistochemical Stains - Lymphokines

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 molecular diagnostic and immunodiagnostic analyzers used for cancer testing, including their operating characteristics, features and selling prices.



# **Technology Assessment**

Assessment of latest technologies and their potential applications for cancer diagnostic testing.

Review of competing/complementing technologies.

Companies, universities and research centers developing new cancer diagnostic tests and detection technologies.

# **Competitive Strategies**

Bio-Rad

Strategic assessments of major suppliers and start-up firms developing innovative cancer diagnostic technologies and products, including their sales, product portfolios, marketing tactics, collaborative arrangements, and new products in R&D.

The companies analyzed in the report include:

Abbott
AdnaGen/Alere
Agilent Technologies
Applied Gene Technologies
Arca Biopharma
Beckman Coulter/Danaher
Becton Dickinson
Biomedical Diagnostics/Theradiag
bioMerieux



CellSearch
Cepheid
Correlogic Systems/Vermillion
Decode Genetics
Diadexus
DiaSorin
Eiken Chemical
Elitech Group
Enterix/Clinical Genomics
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
Thermo Fisher/Affymetrix
Tosoh
Veridex
Wako Pure Chemicals

Wallac/PE



Zilla/Alere

Contains 530 pages and 50 tables



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Abl/abl-bcr

AIB1

BCL-2



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1 )		٠,	_	

**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

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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 TUMOR MARKERS

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

**Opioid Peptides** 

P-glycoprotein

Pancreatic Oncofetal Antigen (POA)

Placental Lactogen

PR92

Proliferative Index, Ki-67

Px

RB Inactivation/Deletion

Ret

**SCCL** 



C. ~	lectin		
. 7 🗀	10-6 11111		

Sialic Acid

Sialyl SSEA-1/SLX

**SN10** 

Somatostatin

TA-90

**TABA** 

Tachykinin

TAG

**TPS** 

Troponin

**Tubulin** 

**VCAM** 

**VEGF** 

Villen

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Iraq

Israel

Jordan

Kuwait

Lebanon

Oman

Qatar

Saudi Arabia

**United Arab Emirates** 

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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/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

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Takara Bio

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Tosoh

Thermo

Veridex

Wako Pure Chemicals

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Major Companies Developing or Marketing CA 125 Tests

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Major Companies Developing or Marketing CEA Tests

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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

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