

Biosensors – A Global Market Overview

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Abstracts

REPORT SYNOPSIS

Global Biosensors market is expected to record a robust CAGR of about 9% during the 2017-2022 analysis period and is projected to touch US\$25.9 billion by 2022 from an estimated US\$16.9 billion in 2017. Electrochemical estimated the largest global Biosensors market by technology with 2017 market stood at US\$12 billion while Optical segment is expected the fastest growing Biosensor market worldwide with a CAGR of 10.5% over the same period.

Point of Care Testing is expected to remain the largest application area for Biosensors reaching a projected US\$11.5 billion by 2022 growing at a CAGR of 8.1% between 2017 and 2022. In regional markets, Asia Pacific is expected the fastest growing market witnessing a CAGR of 11.4% for the aforementioned period whereas the North American market is estimated the largest end-user for Biosensors.

RESEARCH FINDINGS & COVERAGE

Biosensors market is explored in this report with respect to latest prominent technologies and major application areas

The report exclusively covers the recent key research and development activities in the Biosensors arena

Technological Advancements in Point-of-Care Testing Further Promotes Growth of Biosensors

Growing Emergence of Biosensors in Environmental Application

Safety & Bio-Defense – The Emerging Field of Biosensors

Key business trends focusing on product innovations/developments, M&As, JVs and other recent industry developments

Major companies profiled – 65

The industry guide includes the contact details for 184 companies

PRODUCT OUTLINE

The report analyzes the market for the key technologies of Biosensors including:

Electrochemical

Optical

Thermal

Piezoelectric

Application Areas of Biosensors analyzed comprise the following:

Home Healthcare

Point of Care Testing

Environmental Monitoring

Research Laboratories

Process Industry

Security & Biodefense

Analysis Period, Units and Growth Rates

The report reviews, analyzes and projects the worldwide Biosensors market for the period 2014-2022 in terms of market value in US\$ and the compound annual growth rates (CAGRs) projected from 2017 through 2022

Geographic Coverage

North America (The United States, Canada and Mexico)

Europe (Germany, France, The United Kingdom, Italy and Rest of Europe)

Asia-Pacific (China, Japan, India and Rest of Asia-Pacific)

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Rest of World

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Acon Laboratories, Inc. (United States)
Bayer AG (Germany)
Bio-Rad Laboratories, Inc. (United States)
Danaher Corporation (United States)
E. I. Du Pont De Nemours and Company (United States)
EMD Millipore Corporation (United States)
Ercon Inc. (United States)
GE Healthcare Ltd. (United Kingdom)
Integrated DNA Technologies, Inc. (United States)
Johnson & Johnson (United States)
Medtronic, Inc. (United States)
Nova Biomedical Corporation (United States)
Origene Technologies, Inc. (United States)
Pathensors, Inc. (United States)
Perkinelmer, Inc. (United States)
Pharmaco-Kinesis Corporation (United States)
Qiagen N.V. (The Netherlands)
Roche Diagnostics Corporation (United States)
Siemens Healthineers (Germany)
Smiths Group Plc (United Kingdom)
Sysmex Corporation (Japan)
Thermo Fisher Scientific, Inc. (United States)
Universal Biosensors, Inc. (Australia)

5. KEY BUSINESS & PRODUCT TRENDS

Abbott's FreeStyle Libre Glucose Monitoring System Reimbursement in Japan
Nanomedical Diagnostics' New NHS Agile Biosensor Chip for Use on Agile R100 Label-free Personal Assay System
Abbott and Bigfoot Enter into Collaboration to Develop Diabetes Technologies
New NTA Biosensor Chip Launched for use with Label-free Agile R100 Assay System
Abbott to Expand its FreeStyle Libre Flash Glucose Monitoring System Coverage in Canada
CE Mark for Abbott's TactiCath Contact Force Ablation Catheter
Release of Fully Automated Solution for Cell Culture Sampling and Complete Analysis for Bench-Scale Bioreactor Cultures
Nanomedical Diagnostics' AGILE R100 Graphene Biosensor Received Patent from USPTO

Aerialtronics Joined Forces with RAE Systems BeNeLux for Developing the Altura Zenith ATX8 UAS

BD's First Step in the Fight against Antimicrobial Resistance

CardioMEMS HF System from Abbott Aid in Heart Failure Hospitalizations

Nanomedical Diagnostics and Rogue Valley Microdevices Partnered to Deliver AGILE R100 Graphene Biosensor

FLEXcon and Polestar Join Forces

Finesse Solutions Acquired by Thermo Fisher Scientific

PathSensors and USDA's Agricultural Research Service team to Develop Bio Sensor Technology for Citrus Greening Disease

Cepheid Became an Indirect Wholly Owned Subsidiary of Danaher

PathSensors, Inc Develops Universal BioSensor Technology

PathSensors Introduces New High Speed Diagnostic Plant Pathogen Assays

Smith Detection Enhances IONSCAN 600 Detector Capabilities

MBiotech Acquired by Integrated DNA Technologies

Biosensors International Enters into Distribution Agreement with CORDIS

BioProfile FLEX2, the Next Addition to the BioProfile Line of Cell Culture Chemistry Analyzers

Affymetrix Acquired by Thermo Fisher Scientific

LifeScan Launches Onetouch Verio Flex Blood Glucose Monitoring System

Animas Vibe Insulation Pump and Continuous Glucose Monitoring System Received FDA Approval for Diabetes Management in Children Ages Two and Older

New Dr?ger Tcore Sensor for Non-Invasive and Accurate Measurement of Body's Core Temperature

Nanomedical Diagnostics, Inc. Launched to Supply Monitoring and Diagnostic Platforms QIAGEN, the First New Entrant in the US Market for STR Test Kits

New Exotic Gas Sensors are Now Available for Honeywell's QRAE 3 Gas Detector

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 - ABTECH Scientific, Inc. (United States)
 - ACON Laboratories, Inc. (United States)
 - Affinity Biosensors, Llc (United States)
 - Agamatrix, Inc. (United States)
 - Analog Devices, Inc. (United States)
 - Becton, Dickinson and Company (United States)
 - Biomerica, Inc. (United States)
 - Bio-Rad Laboratories, Inc. (United States)
 - Biosensors, Inc. (United States)
 - Danaher Corporation (United States)
 - Beckman Coulter, Inc. (United States)
 - Cepheid (United States)
 - Radiometer America, Inc. (United States)
 - E. I. Du Pont De Nemours and Company (United States)
 - EMD Millipore Corporation (United States)
 - Ercon Incorporated (United States)
 - Integrated DNA Technologies, Inc. (United States)
 - Johnson & Johnson (United States)

Lifescan, Inc. (United States)
Animas Corporation (United States)
Lamdagen Corporation (United States)
Lifesensors, Inc. (United States)
Medtronic, Inc. (United States)
Nanomedical Diagnostics, Inc. (United States)
Nova Biomedical Corporation (United States)
OriGene Technologies, Inc. (United States)
SDIX, LLC (formerly Strategic Diagnostics, Inc.)
Pathsensors, Inc.
Perkinelmer, Inc. (United States)
Pharmaco-Kinesis Corporation (United States)
Sensor-Kinesis Corporation (United States)
Cognos Therapeutics, Inc. (United States)
Neuro-Kinesis Corporation (United States)
Polestar Technologies, Inc. (United States)
RAE Systems, Inc. (United States)
Roche Diagnostics Corporation (United States)
Siemens Healthineers, Inc. (United States)
Siemens Medical Solutions USA, Inc. (United States)
Sober Steering Sensors Canada, Inc. (Canada)
Thermofisher Scientific, Inc. (United States)
Affymetrix, Inc. (United States)
Finesse Solutions, Inc. (United States)
Vigene Biosciences, Inc. (United States)

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Bayer AG (Germany)

Biosensor Applications Sweden AB (Sweden)

BST Bio Sensor Technology GmbH (Germany)

Cambridge Life Sciences, Ltd. (United Kingdom)

Drägerwerk AG & Co. KGaA (Germany)

GE Healthcare Ltd. (United Kingdom)

Hemocue AB (Sweden)

Orion Diagnostica Oy (Finland)

Qiagen N.V. (Netherlands)

Radiometer Medical APS (Denmark)

Remedios Limited (United Kingdom)

Smiths Group Plc (United Kingdom)

Smiths Detection Group Limited (United Kingdom)

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