

Global Biosensors Market Research Report 2012-2024

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Abstracts

SUMMARY

A biosensor is an analytical device, used for the detection of an analyte, it combines a biological component with a physicochemical detector. The sensitive biological element (e.g. tissue, microorganisms, organelles, cell receptors, enzymes, antibodies, nucleic acids, etc.) is a biologically derived material or biomimetic component that interacts (binds or recognizes) with the analyte under study. The biologically sensitive elements can also be created by biological engineering. The transducer or the detector element (works in a physicochemical way; optical, piezoelectric, electrochemical, etc.) transforms the signal resulting from the interaction of the analyte with the biological element into another signal (i.e., transduces) that can be more easily measured and quantified. The biosensor reader device with the associated electronics or signal processors that are primarily responsible for the display of the results in a user-friendly way. This sometimes accounts for the most expensive part of the sensor device, however it is possible to generate a user friendly display that includes transducer and sensitive element (holographic sensor). The readers are usually custom-designed and manufactured to suit the different working principles of biosensors.

The global Biosensors market will reach xxx Million USD in 2019 with CAGR xx% 2019-2024. The objective of report is to define, segment, and project the market on the basis of product type, application, and region, and to describe the content about the factors influencing market dynamics, policy, economic, technology and market entry etc.

Based on products type, the report describes major products type share of regional market. Products mentioned as follows:

Wearable

Non-Wearable

Leading vendors in the market are included based on profile, business performance etc. Vendors mentioned as follows:

Abbott

Johnson & Johnson

Siemens Healthineers

Nova Biomedical

Bayer

ARKRAY

Medtronic

Roche

Sinocare

Universal Biosensors

Based on Application, the report describes major application share of regional market. Application mentioned as follows:

Medical

Environmental Monitoring

Food Industry

Agriculture

Others

Based on region, the report describes major regions market by products and application. Regions mentioned as follows:

Asia-Pacific

North America

Europe

South America

Middle East & Africa

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