

# Global Cancer Biomarkers Market - Forecasts from 2019 to 2024

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## Abstracts

The cancer biomarkers market is estimated to grow to US\$7,782.098 million in 2024 from US\$ 18,764.978 at a high CAGR of 15.80% during the forecast period. Biomarkers are the molecules which indicate normal or abnormal processes taking place in the body. Cancer biomarkers can be DNA, mRNA, proteins, metabolites, or processes such as apoptosis, angiogenesis or proliferation and are extensively used for the early diagnoses of cancer, its prognosis and to predict therapeutic response of the drug. The markers may be produced by the tumor or by the other tissues in response to cancer or associated conditions. Cancer diagnosis includes extensive use of molecular biomarkers as part of routine diagnostic tests.

The cancer biomarker market is expected to show significant growth owing to the rising prevalence of cancer globally. As per the World Cancer Research Fund, there were an estimated 18 million cancer cases around the world in 2018. The increasing use of biomarkers for drug discovery and development will also boost the market for cancer biomarkers during the given forecast period. Governments and private organizations have increased their investment in research in this field. However, the high cost of the diagnosis will hamper the growth of the market. Unfavorable reimbursement policies will also restrain the growth of the cancer biomarker market during the given time frame.

By cancer type, breast cancer is expected to hold a significant market share due to increased awareness of breast cancer diagnosis. By application, diagnosis is projected to hold significant share due to greater awareness regarding the early diagnosis of cancer. By type, protein biomarkers have greater potential for cancer diagnosis, prognosis and the cost involved is also low.

## DRIVERS

An increasing number of cancer cases around the world

Increasing use of biomarkers for drug discovery and development

Extensive research on biomarkers

## RESTRAINTS

The high cost of development and commercialization of biomarkers

Unfavorable regulatory and reimbursement policies

## INDUSTRY UPDATE

Continuous research and development are taking place in the field of cancer biomarker. According to data published in Cell Metabolism Journal in March 2018, Australian researchers have found a unique metabolic marker which offers a simple, non-invasive blood test for early detection of lung cancer.

As per a report published in June 2018 in The American Journal of Pathology, CCN3, a protein secreted into the extracellular matrix between cells can be used as a biomarker that predicts metastasis to bone.

## SEGMENTATION

The cancer biomarker market has been analyzed through the following segments:

By Type

Protein Biomarkers

Genetic Biomarkers

Others

By Cancer Type

Melanoma

Lung cancer

Thyroid cancer

Kidney cancer

Breast Cancer

Others

By Application

Diagnosis

Drug Discovery and Development

Prognosis

Risk Assessment

By End User

Hospitals and Clinics

Diagnostic Centers

By Geography

North America

USA

Canada

Mexico

South America

Brazil

Argentina

Others

Europe

Germany

France

United Kingdom

Spain

Others

Middle East and Africa

Saudi Arabia

Israel

Others

Asia Pacific

China

Japan

South Korea

India

Others

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