

Genomic Biomarkers Market: Segmented: By Type (Oncology, Cardiovascular diseases, Neurological diseases, Renal Disorders and Others); By End user (Hospitals, Diagnostic centre and Others), And Region – Global Analysis of Market Size, Share & Trends For 2019–2020 And Forecasts To 2031

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Abstracts

[170 + Pages Research Report] Genomic Biomarkers Market to surpass USD 109.94 billion by 2031 from USD 41.43 billion in 2021 at a CAGR of 13.4% in the coming years, i.e., 2021-31.

Product Overview

Genomic biomarkers are cancer detection markers that can be used at an early stage. It is a biomarker that is based on the results of a genomic test. Genomic biomarkers can be used to predict disease risk in healthy people, monitor the efficacy of disease treatments, or detect whether someone has inherited an abnormal gene that increases their risk of developing cancer. To detect genetic mutations in DNA, proteins, or metabolites, genomic biomarkers are used. The analysis of an individual's genome and proteome is included in genetic testing, which is also known as genomic testing. By examining how a person's genes respond to different drugs, the technology can detect gene changes that may increase cancer risk, guide treatment decisions, and assess response to therapy.

Market Highlights

Global Genomic Biomarkers Market is expected to project a notable CAGR of 13.4% in 2031.

The increasing prevalence of ovarian, gastric, and colorectal cancers, high demand for minimally invasive procedures, development of technologies in clinical laboratory tests, enormous developments in infrastructure for data sharing and analysis such as bioinformatics, and growing awareness about genomic biomarker-based personalized medicines are the major factors driving the growth of the genomic biomarkers market.

Global Genomic Biomarkers Market: Segments

Cardiovascular diseases segment to grow with the highest CAGR during 2021-31

Based on type, the global Genomic Biomarkers Market is fragmented into Oncology, Cardiovascular diseases, Neurological diseases, Renal Disorders, and Others. Protein markers are biomarkers that aid in the diagnosis of a wide range of diseases, including cardiovascular disorders. When these protein markers come into contact with circulating antibodies, they identify molecules secreted by cells that act as antigens, causing an immune response.

Hospital segment to grow with the highest CAGR during 2021-31

Based on end-user, the global Genomic Biomarkers Market is fragmented into Hospitals, Diagnostic Centers, and Others. In hospitals, genomic biomarkers hold the largest CAGR. The primary applications of genomic biomarkers are to diagnose, treat, and monitor the effects of therapies. The majority of genomic biomarkers are used in hospitals for cancer detection and treatment. The main reason for this is that early detection can help to prevent death to a greater extent.

Market Dynamics

Drivers

Growing awareness and advancements in R&D

Growing awareness of the role of biomarkers in the diagnosis of fatal diseases such as cancer and cardiovascular disease, as well as reimbursement issues being resolved with the intervention of regulatory authorities, are expected to propel market growth shortly. The rising prevalence of chronic diseases, as well as the increased demand for minimally invasive procedures and technological advancements, will drive the genomic biomarkers market. Furthermore, advancements in R&D, data sharing infrastructure, and demand for personalized medicines will drive market growth during the forecasted period.

Increased investments and a rise in chronic diseases

An increase in technological advancement and development in clinical laboratory tests is a critical factor driving market growth, as is an increase in the cases of gastric and ovarian cancer, an increase in the demand for genomic biomarker-based medicine, and an increase in the burden of chronic diseases, among other factors driving the genomic biomarkers market. Furthermore, rising technological advancements and modernization in the healthcare sector, as well as rising demand from emerging economies, will create new opportunities for the genomic biomarkers market during the forecasted period.

Restraint

Government regulations and high costs associated with the market

The high price, complex processes associated with genomic biomarkers, as well as stringent government regulations, are impeding the global genomic biomarkers market's growth.

Global Genomic Biomarkers Market: Key Players

Qiagen

Company Overview, Business Strategy, Key Product Offerings, Financial Performance, Key Performance Indicators, Risk Analysis, Recent Development, Regional Presence, SWOT Analysis

Almac Group

Cancer Genetics Inc

Eurofins Scientific

Thermo Fisher Scientific Inc

Aepodia SA

Epigenomics AG

US Biomarkers Inc.

Roche Diagnostics

Other Prominent Players

Global Genomic Biomarkers Market: Regions

Global Genomic Biomarkers Market is segmented based on regional analysis into five major regions: North America, Latin America, Europe, Asia Pacific, and the Middle East and Africa. Growth in North America's developed markets is primarily driven by the high adoption of advanced technologies, an increase in the number of research studies for the discovery and development of novel biomarkers, the presence of a large number of pharmaceutical companies, rising funding and investments from public and private

organizations, and an increase in the use of biomarkers in patient stratification and the drug development process.

Global Genomic Biomarkers Market is further segmented by region into:

North America Market Size, Share, Trends, Opportunities, Y-o-Y Growth, CAGR – the United States and Canada

Latin America Market Size, Share, Trends, Opportunities, Y-o-Y Growth, CAGR – Mexico, Argentina, Brazil, and Rest of Latin America

Europe Market Size, Share, Trends, Opportunities, Y-o-Y Growth, CAGR – United Kingdom, France, Germany, Italy, Spain, Belgium, Hungary, Luxembourg, Netherlands, Poland, NORDIC, Russia, Turkey, and Rest of Europe

Asia Pacific Market Size, Share, Trends, Opportunities, Y-o-Y Growth, CAGR – India, China, South Korea, Japan, Malaysia, Indonesia, New Zealand, Australia, and Rest of APAC

the Middle East and Africa Market Size, Share, Trends, Opportunities, Y-o-Y Growth, CAGR – North Africa, Israel, GCC, South Africa, and Rest of MENA

Global Genomic Biomarkers Market report also contains analysis on:

Genomic Biomarkers Market Segments:

By Type

Oncology

Cardiovascular diseases

Neurological diseases

Renal Disorders

Others

By End-user

Hospitals

Diagnostic center

Others

Genomic Biomarkers Market Dynamics

Genomic Biomarkers Market Size

Supply & Demand

Current Trends/Issues/Challenges

Competition & Companies Involved in the Market

Value Chain of the Market

Market Drivers and Restraints

Genomic Biomarkers Market Report Scope and Segmentation

Report Attribute Details

The market size value in 2021 USD 41.43 billion

The revenue forecast in 2031 USD 109.94 billion

Growth Rate CAGR of 13.4% from 2021 to 2031

The base year for estimation 2020

Quantitative units Revenue in USD million and CAGR from 2021 to 2031

Report coverage Revenue forecast, company ranking, competitive landscape, growth factors, and trends

Segments covered Type, End-User, and Region

Regional scope North America, Europe, Asia Pacific, Latin America, Middle East & Africa (MEA)

Key companies profiled Qiagen, Almac Group, Cancer Genetics Inc, Eurofins Scientific, Thermo Fisher Scientific Inc, Aepodia SA, Epigenomics AG, US Biomarkers Inc., Roche Diagnostics. and Other Prominent Players.

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