

Genetic Testing - Global Market Outlook (2017-2026)

<https://marketpublishers.com/r/G807FC31274EN.html>

Date: July 2018

Pages: 160

Price: US\$ 4,150.00 (Single User License)

ID: G807FC31274EN

Abstracts

According to Statistics MRC, the Global Genetic Testing market is accounted for \$7749.00 million in 2017 and is expected to reach \$25948.46 million by 2026 growing at a CAGR of 14.37% during the forecast period. Factors such as rise in the incidence of genetic diseases and increase in the prevalence of cancer and cardiovascular diseases are fuelling the market growth. Moreover, demand in the benefits offered by genetic testing (such as specificity and early identification) is one of the major opportunities to boost the market during the forecast period. However, inaccuracies in results and reimbursement issues are restricting the growth of the market.

A genetic test is used to determine the DNA sequence of a certain region of the human genome. This region might be a whole gene or a share of a gene, or other areas thought to regulate genes. The test will look for certain changes in the sequence that is known to have consequences on the function of a gene. Mostly genetic tests are performed on a DNA sample, because every tissue in the body is composed of cells that contain DNA.

By type, predictive & pre-symptomatic testing segment acquired significant growth due to increase in awareness about diseases such as cancer and early detection of diseases. Based on end user, hospital based laboratories segment is owing to user convenience and increasing number of hospitals are a few factors projected to propel the hospital-based laboratories segment during the forecast period.

On the basis of geography, North America is considered as the fastest growing market and the factors favouring the growth of this region are developed infrastructure, increase in health care investments, and robust R&D activities in these countries.

Some of the key players in genetic testing market include Illumina Inc, Abbott Laboratories, BGI Tech, Thermo Fisher Scientific, Luminex Corporation, Cepheid,

Qiagen N.V, Blueprint Genetic, Pacific Biosciences of California Inc, Affymetrix, Bio-Rad Laboratories, Celera Group, AutoGenomics Inc., Roche Diagnostics Limited, Molecular Inc., Genomictre Inc, HTG Molecular Diagnostics Inc, Oxford Biodynamics Ltd, Roche Holding AG and National Center for Biotechnology Information.

Technologies Covered:

Biochemical Testing

Cytogenetic testing

Diseases Covered:

Alzheimer Disease

Cystic Fibrosis

Huntington Disease

Duchenne Muscular Dystrophy

Sickle Cell Anemia

Cancer Disease

Thalassemia

Special Diseases

Other Diseases

Types Covered:

Predictive & Pre-symptomatic Testing

Carrier Testing

Nutrigenomic Testing

Forensic Testing

Newborn and Prenatal Testing

Molecular Genetic Test/ DNA Test

Tandem Mass Spectrometry

High-performance liquid chromatography

Gas Chromatography/ Mass Spectrometry

Other Types

Testing Samples Covered:

Saliva

Hair

Blood

Tumors

Other Testing Samples

Applications Covered:

Cancer Genetic Testing

Prescribed Genetic Testing

Pharmacogenomics Genetic Testing

Predisposition Cancer Genetic Testing

Direct to consumer (DTC) Genetic Testing

Neurogenetic Disorder Testing

Muscular Dystrophies

Other Applications

End Users Covered:

Blood Bank

Hospitals

Nursing Homes

Laboratories

Specialty clinics

Other End Users

Regions Covered:

North America

US

Canada

Mexico

Europe

Germany

France

Italy

UK

Spain

Rest of Europe

Asia Pacific

Japan

China

India

Australia

New Zealand

Rest of Asia Pacific

South America

Argentina

Brazil

Chile

Rest of South America

Middle East & Africa

Saudi Arabia

UAE

Qatar

South Africa

Rest of Middle East & Africa

What our report offers:

Market share assessments for the regional and country level segments

Market share analysis of the top industry players

Strategic recommendations for the new entrants

Market forecasts for a minimum of 9 years of all the mentioned segments, sub segments and the regional markets

Market Trends (Drivers, Constraints, Opportunities, Threats, Challenges, Investment Opportunities, and recommendations)

Strategic recommendations in key business segments based on the market estimations

Competitive landscaping mapping the key common trends

Company profiling with detailed strategies, financials, and recent developments

Supply chain trends mapping the latest technological advancements.

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NOTE: Tables for North America, Europe, Asia Pacific, South America, Middle East & Africa are represented in the same manner above.

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