

Global Genetic Testing Market 2018 by Manufacturers, Countries, Type and Application, Forecast to 2023

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Abstracts

Genetic testing, also known as DNA testing, allows the determination of bloodlines and the genetic diagnosis of vulnerabilities to inherited diseases. In agriculture, a form of genetic testing known as progeny testing can be used to evaluate the quality of breeding stock. In population ecology, genetic testing can be used to track genetic strengths and vulnerabilities of species populations.

Scope of the Report:

This report studies the Genetic Testing market status and outlook of Global and major regions, from angles of players, countries, product types and end industries; this report analyzes the top players in global market, and splits the Genetic Testing market by product type and applications/end industries.

The demand for genetic testing is growing owing to the increasing genetic mutations in fetuses and newborns and growing prevalence of hereditary genetic disorders, and infectious diseases. In the US, a large number of infants are being born with congenital heart disease (CHD). Owing to factors such as genetic conditions, the consumption of medications or alcohol during pregnancy, or viral infection, infants are susceptible to developing CHD. Technavio's market study identifies the growing prevalence of genetic disorders to be one of the primary growth factors for the genetic testing market. CHD may occur in infants in varying patterns such as autosomal dominant, autosomal recessive, X-linked dominant, and X-linked recessive. A key vendor manufactured Invitae Congenital Heart Disease Panel, that can analyze efficiently 42 genes that cause CHD prematurely.

The global Genetic Testing market is valued at xx million USD in 2017 and is expected to reach xx million USD by the end of 2023, growing at a CAGR of xx% between 2017

and 2023.

The Asia-Pacific will occupy for more market share in following years, especially in China, also fast growing India and Southeast Asia regions.

North America, especially The United States, will still play an important role which cannot be ignored. Any changes from United States might affect the development trend of Genetic Testing.

Europe also play important roles in global market, with market size of xx million USD in 2017 and will be xx million USD in 2023, with a CAGR of xx%.

Market Segment by Companies, this report covers

Abbott

bioMérieux

Bio-Rad Laboratories

F. Hoffmann-La Roche

Myriad Genetics

QIAGEN

Quest Diagnostics

Market Segment by Regions, regional analysis covers

North America (United States, Canada and Mexico)

Europe (Germany, France, UK, Russia and Italy)

Asia-Pacific (China, Japan, Korea, India and Southeast Asia)

South America (Brazil, Argentina, Colombia)

Middle East and Africa (Saudi Arabia, UAE, Egypt, Nigeria and South Africa)

Market Segment by Type, covers

Analyzers

Consumables

Market Segment by Applications, can be divided into

Predictive and Diagnostic Testing

Prenatal, Newborn, and Pre-Implantation Testing

Pharmacogenomic Testing

Forensic, Relationship, and Ancestry Testing

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