

Saudi Arabia Genetic Testing Market, By Type (Carrier Testing, Diagnostic Testing, New-born Screening, Predictive & Pre-symptomatic Testing, Prenatal Testing, Others), By Disease (Sickle Cell Anemia, Thalassemia, Huntington's Disease, Cancer, Others), By Technology (Cytogenetic Testing, Biochemical Testing, Molecular Testing), By Service Providers (Clinical & Metabolic Specialists, Genetic Counsellors, Diagnostic Laboratories, Hospitals), By Region, Competition Forecast & Opportunities, 2027

Market Report | 2022-09-01 | 71 pages | TechSci Research

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Report description:

Saudi Arabia genetic testing market is projected to register growth at a significant rate during the forecast period, 2023-2027. The market growth can be attributed to the rising incidences of genetic disorders in the country. Besides, rapidly mutating genes due to various environmental and other factors have led to the evolution of various genetic disorders, fueling the need for the diagnosis of genetic diseases.

The rising prevalence of illnesses like Down syndrome, sickle cell anemia, cancer, Thalassemia, etc., is also expected to aid market growth positively. Down syndrome is said to impact 1.8 out of every 1,000 live births in Saudi Arabia, according to the government's records of recent births in the nation. While the prevalence of sickle cell disease varies across the country, the Eastern region of the Kingdom of Saudi Arabia has between 91 and 99 instances for every 10,000 live births.

Moreover, the rising demand for genetic medications and personalized treatments that are created with higher disease specificity and cutting-edge technology are anticipated to fuel the growth of the Saudi Arabia genetic testing market. Clinical genetic testing was prohibited in response to the recent pandemic outbreak, which led to the rapid adoption of telemedicine-based consultations

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and counseling. Rising incidences of cancer and other chronic conditions have also led to genetic testing market growth in Saudi Arabia. Additionally, genetic testing of the virulent organism was done as part of the investigation of the SARS-CoV2 virus to comprehend its characteristics and roles in the creation of a vaccine and medication. Growth is also aided by improvements in the pharmaceutical industry and rising investment in its promotion.

The Saudi Arabia genetic testing market is segmented by type, disease, technology, service providers, competition landscape, and regional distribution. Based on type, the market is further divided into carrier testing, diagnostic testing, newborn screening, predictive & pre-symptomatic testing, prenatal testing, and others. The diagnostic testing segment is expected to hold the largest share in the Saudi Arabia genetic testing market, owing to the increasing demand for early and effective diagnosis of chronic diseases. Based on the disease, the market is divided into sickle cell anemia, thalassemia, Huntington's disease, cancer, and others. The cancer sub-segment is anticipated to register the highest growth due to the rising instances of cancer among the population.

Major players operating in the Saudi Arabia genetic testing market are Anwa Medical Labs, NoorDX, Scientific Laboratories Alliance Company Ltd., ELAJ Group, Genetrack Biolabs, Johnson & Johnson, OncoDNA-International Medical Center, Baylor Genetics-King Faisal Specialist Hospital - Saudi Diagnostic Limited, among others.

Years considered for this report:

Historical Years: 2017-2020

Base Year: 2021

Estimated Year: 2022E

Forecast Period: 2023F-2027F

Objective of the Study:

- To analyze the historical growth in the market size of the Saudi Arabia genetic testing market from 2017 to 2021.
- To estimate and forecast the market size of Saudi Arabia genetic testing market from 2022E to 2027F and growth rate until 2027F.
- To classify and forecast the Saudi Arabia genetic testing market based on type, disease, technology, service providers, region, and company.
- To identify the dominant region or segment in the Saudi Arabia genetic testing market.
- To identify drivers and challenges for the Saudi Arabia genetic testing market.
- To examine competitive developments such as expansions, new product launches, mergers & acquisitions, etc., in the Saudi Arabia genetic testing market.
- To identify and analyze the profiles of leading players operating in the Saudi Arabia genetic testing market.
- To identify key sustainable strategies adopted by market players in Saudi Arabia genetic testing market.

TechSci Research performed both primary as well as exhaustive secondary research for this study. Initially, TechSci Research sourced a list of companies across the country. Subsequently, TechSci Research conducted primary research surveys with the identified companies. While interviewing, the respondents were also enquired about their competitors. Through this technique, TechSci Research could include the companies, which could not be identified due to the limitations of secondary research. TechSci Research analyzed the presence of all major players across the country.

TechSci Research calculated the market size of the Saudi Arabia genetic testing market using a bottom up approach, wherein data for various end-user segments was recorded and forecast for the future years. TechSci Research sourced these values from the industry experts and company representatives and externally validated through analyzing historical data of these services for getting an appropriate, overall market size. Various secondary sources such as company websites, news articles, press releases, company annual reports, investor presentations and financial reports were also studied by TechSci Research.

Key Target Audience:

- Market research and consulting firms
- Government bodies such as regulating authorities and policy makers
- Organizations, forums, and alliances

The study is useful in providing answers to several critical questions that are important for the industry stakeholders such as companies and partners, end users, etc., besides allowing them in strategizing investments and capitalizing on market

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opportunities.

Report Scope:

In this report, Saudi Arabia genetic testing market has been segmented into following categories, in addition to the industry trends which have also been detailed below:

- Saudi Arabia Genetic Testing Market, By Type:

- o Carrier Testing
- o Diagnostic Testing
- o New-born Screening
- o Predictive & Pre-symptomatic Testing
- o Prenatal Testing
- o Others

- Saudi Arabia Genetic Testing Market, By Disease:

- o Sickle Cell Anemia
- o Thalassemia
- o Huntington's Disease
- o Cancer
- o Others

- Saudi Arabia Genetic Testing Market, By Technology:

- o Cytogenetic Testing
- o Biochemical Testing
- o Molecular Testing

- Saudi Arabia Genetic Testing Market, By Service Providers:

- o Clinical & Metabolic Specialists
- o Genetic Counsellors
- o Diagnostic Laboratories
- o Hospitals

- Saudi Arabia Genetic Testing Market, By Region:

- o Northern & Central Region
- o Eastern Region
- o Western Region
- o Southern Region

Competitive Landscape

Company Profiles: Detailed analysis of the major companies present in Saudi Arabia genetic testing market.

Available Customizations:

With the given market data, TechSci Research offers customizations according to a company's specific needs. The following customization options are available for the report:

Company Information

- Detailed analysis and profiling of additional market players (up to five).

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