

UAE Genetic Testing Market By Type (Carrier Testing, Diagnostic Testing, New-born Screening, Predictive & Presymptomatic 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

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Abstracts

UAE genetic testing market is anticipated to register growth with an impressive CAGR in the forecast period, 2023-2027, on the account of increasing awareness regarding genetic testing for the diagnosis of various genetic diseases. The higher prevalence of genetic disorders like cancer, thalassemia, Huntington's disease, etc. among the population of the country further drives the growth of the UAE genetic testing market in the upcoming five years. The increasing immigrant population in the country, rising medical tourism, along with higher investments in the advancement of healthcare services also support the growth of the UAE genetic testing market in the next five years. The expansion of the at-home genetic testing sector in the country adds to the growth of the UAE genetic testing market in the future five years.

Genetic diseases occur when there is a mutation in the genetic code of the beings, and it alters the functionality of the protein and its structure thus causing severe symptoms. These mutations are often harmful and may be termed a pathogenic variants. Some of

the common genetic disorders in the world scale are Down's syndrome, Cystic fibrosis, Huntington's disease, Sickle Cell Anemia, etc. Alteration in the genetic codes, and thus affected translation of the proteins leads to the dysfunctionality of the organs or the organ systems leading to disablement, memory loss, and other conditions in the patient and may cause death in certain conditions.

Growing Disease Burden Promises Future Growth

Actively increasing cases of genetic disorders are driving the growth of the UAE genetic testing market in the upcoming five years. The population is highly aware and is actively investing in the early diagnosis of genetic diseases and disorders, thereby supporting the growing demands for genetic testing, and adding to the growth of the UAE genetic testing market in the next five years. In the year 2020, 4,807 new cancer cases were discovered among the United Arab Emirates population. Out of which 2,155 were males suffering majorly from colorectum cancer and 2,652 females suffering majorly from breast cancer.

Although among the GCC countries, Saudi Arabia has the largest population of the patient suffering from Sickle Cell Anemia, the disease is also prevailing in the UAE. Approximately 2% of the total population in the country suffers from Sickle Cell Anemia disease and the risks of the disease are high in people with ancestors from sub-Saharan Africa; Spanish-speaking regions in the Western Hemisphere (South America, the Caribbean, and Central America); Saudi Arabia; India; and Mediterranean countries like Turkey, Greece, Italy. With growing medical tourism and higher immigration in the country, the instances of genetic diseases are expected to grow thus aiding the growth of the UAE genetic testing market in the future five years.

Market Segmentation

The UAE genetic testing market is segmented by type, disease, technology, service providers, competitive landscape, and regional distribution. Based on type, the market is further segmented into carrier testing, diagnostic testing, newborn screening, predictive & pre-symptomatic testing, prenatal testing, and others. By disease, the market is fragmented into sickle cell anemia, thalassemia, Huntington's disease, cancer, and others. Based on technology, the market is bifurcated into cytogenetic testing, biochemical testing, and molecular testing. By service providers, the market is differentiated into clinical & metabolic specialists, genetic counselors, diagnostic laboratories, and hospitals. The market analysis also studies the regional segmentation to devise regional market segmentation, divided among Abu Dhabi, Sharjah, Dubai, and

the rest of UAE.

Company Profile

Freiburg Medical Laboratory Middle East LLC, Fakh IVF Center, Beyond Nutrition Health and Wellness Services DMCC, Genesis Healthcare Center, Dante Labs, and Reem Medical Group, among others, are a partial list of major market players of the companies responsible for the growth of UAE genetic testing market.

Report Scope:

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

UAE Genetic Testing Market, By Type:

Carrier Testing

Diagnostic Testing

New-born Screening

Predictive & Presymptomatic Testing

Prenatal Testing

Others

UAE Genetic Testing Market, By Disease:

Sickle Cell Anemia

Thalassemia

Huntington's Disease

Cancer

Others

UAE Genetic Testing Market, By Technology:

Cytogenetic Testing

Biochemical Testing

Molecular Testing

UAE Genetic Testing Market, By Service Providers:

Clinical & Metabolic Specialists

Genetic Counsellors

Diagnostic Laboratories

Hospitals

UAE Genetic Testing Market, By Region:

Abu Dhabi

Sharjah

Dubai

Rest of UAE

Competitive Landscape

Company Profiles: Detailed analysis of the major companies present in UAE 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

UAE Genetic Testing Market By Type (Carrier Testing, Diagnostic Testing, New-born Screening, Predictive & Pres...

report:

Company Information

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

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(Note: The companies list can be customized based on the client requirements.)

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