

# **Middle East & Africa Genetic Testing Services Market Forecast to 2030 - Regional Analysis - by Service Type (Predictive Testing, Carrier Testing, Prenatal Testing, Newborn Screening, and Others), Disease (Cancer, Metabolic Diseases, Cardiovascular Diseases, and Other Diseases), and Service Provider (Hospital-Based Laboratories, Diagnostic Laboratories, and Others)**

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## **Abstracts**

The Middle East & Africa genetic testing services market was valued at US\$ 78.07 million in 2022 and is expected to reach US\$ 200.38 million by 2030; it is estimated to register a CAGR of 12.5% from 2022 to 2030.

### **Rising Prevalence of Genetic Diseases Bolsters Middle East & Africa Genetic Testing Services Market**

The prevalence of genetic diseases is rising across the world and impacting the health of people at a severe level. Genetic diseases show many symptoms that are uncommon and are mostly non-curable. Most of the genetic diseases are rare and are developed due to the mutation in the genetic makeup of the people. According to The World Health Organization (WHO) 2021, 10 out of every 1,000 people are affected by single-gene diseases, signifying that 70 million and 80 million people worldwide are living with any one type of single-gene disease. As per the Global Genes, ~7,000 known rare diseases and disorders have been identified worldwide, and more are being discovered every year. According to the University of Sheffield research, ~300 million people are living with genetic diseases around the world. In Asia Pacific and the Middle East, a very large

population is diagnosed with genetic diseases due to consanguineous marriage favored in many communities. Marriages between relatives are the major concern for the rising prevalence of genetic diseases. The burden of autosomal recessive disease variations is high in Saudi Arabia due to the highly consanguineous population. To control these conditions, countries in the Middle East are mandatorily conducting genetic evaluations for couples getting married so that the prevalence of these diseases can be managed and treated timely. Thus, the rising prevalence of genetic diseases fuels the demand for genetic testing, which in turn drives genetic testing services market growth.

### Middle East & Africa Genetic Testing Services Market Overview

The genetic testing services market in the Middle East & Africa is segmented into the UAE, Saudi Arabia, South Africa, and the Rest of the Middle East & Africa. The market is driven by programs undertaken by a number of research institutes and the availability of infrastructure and facilities for research in the UAE and Saudi Arabia. The support by the government in these countries are likely to boost the growth of the market. Moreover, the increase in the incidence of genetic disorders and cancer plays an important role in the development of the genetic testing industry.

### Middle East & Africa Genetic Testing Services Market Revenue and Forecast to 2030 (US\$ Million)

### Middle East & Africa Genetic Testing Services Market Segmentation

The Middle East & Africa genetic testing services market is categorized into service type, disease, service provider, and country.

Based on service type, the Middle East & Africa genetic testing services market is segmented predictive testing, carrier testing, prenatal testing, newborn screening, and others. The predictive testing segment held the largest market share in 2022.

In terms of disease, the Middle East & Africa genetic testing services market is categorized into cancer, metabolic diseases, cardiovascular diseases, and other diseases. The cancer segment held the largest market share in 2022.

By service provider, the Middle East & Africa genetic testing services market is segmented into hospital-based laboratories, diagnostic laboratories, and others. The hospital-based laboratories segment held the largest market share in 2022.

By country, the Middle East & Africa genetic testing services market is segmented into Saudi Arabia, South Africa, the UAE, and the Rest of Middle East and Africa. South Africa dominated the Middle East & Africa genetic testing services market share in 2022.

Eurofins Scientific SE, Laboratory Corp of America Holdings, Quest Diagnostics Inc, Illumina Inc, F. Hoffmann-La Roche Ltd, and Centogene AG are among the leading companies operating in the Middle East & Africa genetic testing services market.

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