

Middle East & Africa Animal Genetics Market Forecast to 2028 - Regional Analysis - by Type (Services [DNA Typing, Genetic Trait Tests, Genetic Disease Tests, and Others] and Product), Animal (Porcine, Poultry, Bovine, Canine, and Others), and Genetic Material (Embryo and Semen)

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Abstracts

The Middle East & Africa animal genetics market was valued at US\$ 249.11 million in 2022 and is expected to reach US\$ 336.85 million by 2028; it is estimated to grow at a CAGR of 5.2% from 2022 to 2028.

Innovations in Phenotyping Services fuel the Middle East & Africa Animal Genetics Market

Phenotype selection is a modern approach in animal genetics, which is expected to offer considerable opportunities in the market by providing successful tools for the long-term improvement of livestock efficiency. Rapid genetic selection through these services is expected to improve the quality of dairy cattle as well as animals that are rich sources of proteins. Phenotyping of animals can also improve animal efficiency in terms of health and body resilience to be minimally affected by environmental disturbances. Automated high-throughput phenotyping with sensors, imaging, and other on-farm technologies has generated huge amounts of largely utilized data for research purposes. In the future, sequencing and other genomics technology will also facilitate the ability for deep phenotyping of livestock at the molecular level. Services such as data science and training services needed to manage, record, and analyze data to generate knowledge and advances in animal genetics and related disciplines have considerable prospects in the future. Market players in the animal genetics market have

adopted several strategies to adopt these innovative phenotyping services. In July 2020, Vytelle IVF and GrowSafe Systems Ltd partnered to accelerate genetic advances in bovine biotechnology. The companies will operate together to produce high-quality protein with sustainability and offer profit potential for cattle producers. These companies also offer phenotyping services to fast forward generational advances in animal genetics. Thus, such advances in phenotyping services will bring significant opportunities for players in the animal genetics market. Further, evolution in genetics has enabled the use of CRISPR-Cas-based tools, transcription-activating nuclease (TALEN), and zinc finger nucleases (ZFN), offering wider growth opportunities for market growth. These technologies will allow the selection of animals based on their genomics and help understand animal biology properly. Thus, these benefits are anticipated to expand the animal genetic practice and foster market growth in the coming years.

Middle East & Africa Animal Genetics Market Overview

The UAE, Saudi Arabia, and South Africa are the three major countries in the Middle East & Africa. The animal genetics market in the Middle East is driven by the factors such as growing demand for high quality animal meat and meat products, increasing support by governments for animal genetics, and burgeoning research activities in animal breeding.

Middle East & Africa Animal Genetics Market Revenue and Forecast to 2028 (US\$ Million)

Middle East & Africa Animal Genetics Market Segmentation

The Middle East & Africa animal genetics market is segmented based on type, animal, genetic material, and country. Based on type, the Middle East & Africa animal genetics market is bifurcated into services and product. The services segment held a larger market share in 2022.

Based on animal, the Middle East & Africa animal genetics market is segmented into porcine, poultry, bovine, canine, and others. The porcine segment held the largest market share in 2022.

Based on genetic material, the Middle East & Africa animal genetics market is

bifurcated into embryo and semen. The embryo segment held a larger market share in 2022.

Based on country, the Middle East & Africa animal genetics market is segmented into Saudi Arabia, South Africa, the UAE, and the Rest of Middle East & Africa. Saudi Arabia dominated the Middle East & Africa animal genetics market share in 2022.

Neogen Corp, Genus Plc, Topigs Norsvin Nederland B.V, Zoetis Inc, Hendrix Genetics B.V, Inotiv Inc, Alta Genetics Inc, GROUPE GRIMAUD LA CORBIERE, and Charles River Laboratories International Inc are some of the leading companies operating in the Middle East & Africa animal genetics market.

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