

Middle East Animal Genetics Market Size, Share & Trends Analysis Report By Animal (Cattle, Pigs, Sheep & Goats, Companion Animals), By Type (Live Animals, Genomic/ Genetic Testing), By Distribution Channel (Private, Public), By Country, And Segment Forecasts, 2025 - 2033

<https://marketpublishers.com/r/MB942028D1D5EN.html>

Date: September 2025

Pages: 150

Price: US\$ 5,950.00 (Single User License)

ID: MB942028D1D5EN

Abstracts

Middle East Animal Genetics Market Summary

The Middle East animal genetics market size was estimated at USD 98.2 million in 2024 and is projected to reach USD 188.0 million by 2033, growing at a CAGR of 7.63% from 2025 to 2033. The market is expanding due to the rising demand for high-quality livestock production to meet increasing meat and dairy consumption, alongside strong government initiatives to improve food security and livestock productivity.

In addition, increasing focus on developing disease-resistant and climate-adapted breeds supports sustainability efforts, further accelerating the adoption of advanced animal genetics across the region. Increasing meat consumption in the Middle East is a key market driver, as the rising demand for protein-rich diets pushes producers to enhance livestock quality and productivity. Higher per capita meat intake creates pressure to improve breeding efficiency, animal growth rates, and disease resistance, all of which are achievable through advanced genetic technologies. For instance, according to the World Population Review (2025), meat consumption reached 58.5 kg per capita, with pig meat accounting for 45.6 kg, underscoring the scale of demand. To meet these consumption levels, livestock producers are increasingly adopting genetic solutions such as artificial insemination, embryo transfer, and genomic selection, thereby fueling regional market growth.

Moreover, according to an FAO article published in January 2025, Saudi Arabia is modernizing its small ruminants sector by introducing advanced genetic practices. A 12-week intensive course on “Introduction to Genomic Selection and Animal Breeding,” conducted under the Sustainable Rural Agricultural Development (SRAD) Programme, was completed through collaboration between the FAO, the Ministry of Environment, Water and Agriculture (MEWA), Reef Saudi, and the National Livestock and Fishery Development Program (NLFDP). This initiative has equipped national livestock scientists and specialists with expertise in genomic selection, genetic evaluation, and modern breeding strategies, which is expected to accelerate the adoption of advanced animal genetics practices in Saudi Arabia, improve livestock productivity, and significantly contribute to market growth.

Middle East Animal Genetics Market Report Segmentation

This report forecasts revenue growth at country levels and provides an analysis of the latest industry trends in each of the sub-segments from 2021 to 2033. For this study, Grand View Research has segmented the Middle East animal genetics market report based on animal, type, distribution channel, and country:

Animal Outlook (Revenue, USD Million, 2021 - 2033)

Cattle

Pigs

Sheep & Goats

Companion Animals

Others

Type Outlook (Revenue, USD Million, 2021 - 2033)

Assistive Reproduction Technologies

Live Animals

Genomic/ Genetic Testing

Distribution Channel Outlook (Revenue, USD Million, 2021 - 2033)

Private

Public

Country Outlook (Revenue, USD Million, 2021 - 2033)

Middle East and Africa (MEA)

Saudi Arabia

UAE

Kuwait

Qatar

Oman

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