

North America 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)

<https://marketpublishers.com/r/N9019E09180EEN.html>

Date: October 2023

Pages: 128

Price: US\$ 3,000.00 (Single User License)

ID: N9019E09180EEN

Abstracts

The North America animal genetics market was valued at US\$ 2,247.70 million in 2022 and is expected to reach US\$ 3,314.97 million by 2028; it is estimated to grow at a CAGR of 6.7% from 2022 to 2028.

Rising Adoption of Progressive Genetic Practices fuel the North America Animal Genetics Market

Animal genetics emphasizes the inheritance and genetic variations in wild and domestic animals. This science is used commercially to test genetic disorders, genetic traits, and DNA type. Further, superior animal breeds are developed using genetic engineering to obtain large-scale production of modified breeds. Animal genetics uses genetic practices such as artificial insemination (AI), embryo transfer, and cytological studies for hybridization. AI can reduce various risks in animal breeding and disease transmission. It is found that female cattle born through AI yields more milk than cattle born via natural breeding. In addition, the use of antibiotic-containing semen extensors is effective in preventing bacterial diseases, making the entire AI process more hygienic than natural mating. The market players focus on partnerships, collaborations, and acquisitions to develop genetically modified breeds in order to strengthen their position in the market. Further, the collaborations by the companies benefit farmers with advanced technologies that allow them to improve the genetics of their herds. The farmers can

also benefit from AI advantages such as maintaining breed and cawing records, better record-keeping, and preventing the spread of certain diseases. Thus, the increasing adoption of progressive genetic practices such as AI and embryo transfer benefits the market growth.

North America Animal Genetics Market Overview

North America is the most significant region in the North America animal genetics market, and the US holds the largest share of the market in this region, followed by Canada. The market growth in North America is attributed to growing investments in animal genetics projects, rising livestock production and farming, and increasing initiatives to protect and preserve livestock animals.

North America Animal Genetics Market Revenue and Forecast to 2028 (US\$ Million)

North America Animal Genetics Market Segmentation

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

Based on animal, the North America 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 North America animal genetics market is bifurcated into embryo and semen. The embryo segment held a larger market share in 2022.

Based on country, the North America animal genetics market is segmented into the US, Canada, and Mexico. The US dominated the North America animal genetics market share in 2022.

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

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