

Global Methane Mitigation Vaccine Market Growth (Status and Outlook) 2026-2032

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Abstracts

The global Methane Mitigation Vaccine market size is predicted to grow from US\$ 68.57 million in 2025 to US\$ 170 million in 2032; it is expected to grow at a CAGR of 14.1% from 2026 to 2032.

Methane Mitigation Vaccine refers to a new type of biotechnology product that aims to reduce methane emissions produced by ruminants (such as cattle, sheep, etc.) during digestion through an immune mechanism. The research and development goal of this vaccine is to address the contribution of the agricultural sector, especially animal husbandry, to climate change, especially methane produced by ruminants, which is a potent greenhouse gas. Methane emission reduction vaccine is a biological agent that reduces methane production by stimulating the immune system of ruminants and reducing the activity of certain microorganisms in the intestine (mainly methane-producing archaea).

This report presents a comprehensive overview, market shares, and growth opportunities of Methane Mitigation Vaccine market by product type, application, key players and key regions and countries.

Segmentation by Type:

Vaccines Targeting Methane-producing Archaea

Vaccines Modulating Immune Responses

Segmentation by Application:

Cattle

Sheep

Other Ruminants

This report also splits the market by region:

United States

China

Europe

Other regions

Japan

South Korea

Southeast Asia

Rest of world

The report also presents the market competition landscape and a corresponding detailed analysis of the major players in the market. The key players covered in this report:

Lucidome Bio

ArkeaBio

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