

# Global mRNA Vaccine Core Enzyme Supply, Demand and Key Producers, 2026-2032

<https://marketpublishers.com/r/G232B6611655EN.html>

Date: April 2026

Pages: 128

Price: US\$ 4,480.00 (Single User License)

ID: G232B6611655EN

## Abstracts

The global mRNA Vaccine Core Enzyme market size is expected to reach \$ 789 million by 2032, rising at a market growth of 1.2% CAGR during the forecast period (2026-2032).

mRNA Vaccine Core Enzyme refer to a set of key biocatalysts used for in vitro transcription and critical modification steps of mRNA, directly determining the yield, structural correctness, heterozygosity, and consistency of mRNA products. Typical examples include in vitro transcription RNA polymerases such as T7 RNA polymerase, template removal DNase, RNase inhibitors that inhibit degradation, as well as cap related enzymes and 2-terminal O-methyltransferases used to form 5-terminal cap structures and enhance expression. In addition, they are often paired with polyadenylation polymerases used for 3-terminal PolyA tail treatment.

The demand for core enzymes is shifting from epidemic driven phased mass production to longer-term pipeline driven and normalized production capacity. With the continuous promotion of mRNA vaccines and treatments for tumors, rare diseases, etc., the mRNA synthesis raw material market continues to grow. Among them, the demand for high-purity, scalable, and traceable enzymes and capping systems is more inclined towards GMP level and stricter impurity control, and presents higher customer stickiness and stronger certification barriers. At the same time, the process route is focusing on more efficient co transcription capping and high capping efficiency schemes to reduce process complexity and improve yield, making the value of capping related products and supporting enzyme systems more prominent. The focus of competition on the supply side lies in batch consistency, low RNase risk control, release testing capabilities, and compliance document support. Suppliers who can stably provide GMP grade enzymes for regulated production and support customer declarations are more

likely to obtain long-term orders and premiums.

This report studies the global mRNA Vaccine Core Enzyme demand, key companies, and key regions.

This report is a detailed and comprehensive analysis of the world market for mRNA Vaccine Core Enzyme, and provides market size (US\$ million) and Year-over-Year (YoY) growth, considering 2025 as the base year. This report explores demand trends and competition, as well as details the characteristics of mRNA Vaccine Core Enzyme that contribute to its increasing demand across many markets.

### **Highlights and key features of the study**

Global mRNA Vaccine Core Enzyme total market, 2021-2032, (USD Million)

Global mRNA Vaccine Core Enzyme total market by region & country, CAGR, 2021-2032, (USD Million)

U.S. VS China: mRNA Vaccine Core Enzyme total market, key domestic companies, and share, (USD Million)

Global mRNA Vaccine Core Enzyme revenue by player, revenue and market share 2021-2026, (USD Million)

Global mRNA Vaccine Core Enzyme total market by Enzyme Type, CAGR, 2021-2032, (USD Million)

Global mRNA Vaccine Core Enzyme total market by Application, CAGR, 2021-2032, (USD Million)

This report profiles major players in the global mRNA Vaccine Core Enzyme market based on the following parameters - company overview, revenue, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include Thermo Fisher, NEB, TriLink Bio Technologies, Merck, Aldevron, Qiagen N.V., Promega, Roche CustomBiotech, Takara Bio Inc., Novoprotein, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals.

Stakeholders would have ease in decision-making through various strategy matrices used in analyzing the world mRNA Vaccine Core Enzyme market

### **Detailed Segmentation:**

Each section contains quantitative market data including market by value (US\$ Millions), by player, by regions, by Enzyme Type, and by Application. Data is given for the years 2021-2032 by year with 2025 as the base year, 2026 as the estimate year, and 2027-2032 as the forecast year.

### Global mRNA Vaccine Core Enzyme Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

### Global mRNA Vaccine Core Enzyme Market, Segmentation by Enzyme Type:

Capping Enzyme

2'-O-Methyltransferase

Inorganic Pyrophosphatase

Poly (A) Polymerase

Rnase Inhibitor

RNA Polymerase

Restriction Enzyme

Dnase I

Others

Global mRNA Vaccine Core Enzyme Market, Segmentation by Application Stage:

Research-Grade

GMP Grade

Global mRNA Vaccine Core Enzyme Market, Segmentation by Application:

Biopharmaceutical Companies

Academic and Research Institutions

Companies Profiled:

Thermo Fisher

NEB

TriLink Bio Technologies

Merck

Aldevron

Qiagen N.V.

Promega

Roche CustomBiotech

Takara Bio Inc.

Novoprotein

Vazyme

Hongene Biotech Corporatio

Yeasen Biotechnology (Shanghai)

#### Key Questions Answered

1. How big is the global mRNA Vaccine Core Enzyme market?
2. What is the demand of the global mRNA Vaccine Core Enzyme market?
3. What is the year over year growth of the global mRNA Vaccine Core Enzyme market?
4. What is the total value of the global mRNA Vaccine Core Enzyme market?
5. Who are the Major Players in the global mRNA Vaccine Core Enzyme market?
6. What are the growth factors driving the market demand?

## Contents

### 1 SUPPLY SUMMARY

- 1.1 mRNA Vaccine Core Enzyme Introduction
- 1.2 World mRNA Vaccine Core Enzyme Market Size & Forecast (2021 & 2025 & 2032)
- 1.3 World mRNA Vaccine Core Enzyme Total Market by Region (by Headquarter Location)
  - 1.3.1 World mRNA Vaccine Core Enzyme Market Size by Region (2021-2032), (by Headquarter Location)
  - 1.3.2 United States Based Company mRNA Vaccine Core Enzyme Revenue (2021-2032)
  - 1.3.3 China Based Company mRNA Vaccine Core Enzyme Revenue (2021-2032)
  - 1.3.4 Europe Based Company mRNA Vaccine Core Enzyme Revenue (2021-2032)
  - 1.3.5 Japan Based Company mRNA Vaccine Core Enzyme Revenue (2021-2032)
  - 1.3.6 South Korea Based Company mRNA Vaccine Core Enzyme Revenue (2021-2032)
  - 1.3.7 ASEAN Based Company mRNA Vaccine Core Enzyme Revenue (2021-2032)
  - 1.3.8 India Based Company mRNA Vaccine Core Enzyme Revenue (2021-2032)
- 1.4 Market Drivers, Restraints and Trends
  - 1.4.1 mRNA Vaccine Core Enzyme Market Drivers
  - 1.4.2 Factors Affecting Demand
  - 1.4.3 Major Market Trends

### 2 DEMAND SUMMARY

- 2.1 World mRNA Vaccine Core Enzyme Consumption Value (2021-2032)
- 2.2 World mRNA Vaccine Core Enzyme Consumption Value by Region
  - 2.2.1 World mRNA Vaccine Core Enzyme Consumption Value by Region (2021-2026)
  - 2.2.2 World mRNA Vaccine Core Enzyme Consumption Value Forecast by Region (2027-2032)
- 2.3 United States mRNA Vaccine Core Enzyme Consumption Value (2021-2032)
- 2.4 China mRNA Vaccine Core Enzyme Consumption Value (2021-2032)
- 2.5 Europe mRNA Vaccine Core Enzyme Consumption Value (2021-2032)
- 2.6 Japan mRNA Vaccine Core Enzyme Consumption Value (2021-2032)
- 2.7 South Korea mRNA Vaccine Core Enzyme Consumption Value (2021-2032)
- 2.8 ASEAN mRNA Vaccine Core Enzyme Consumption Value (2021-2032)
- 2.9 India mRNA Vaccine Core Enzyme Consumption Value (2021-2032)

### **3 WORLD MRNA VACCINE CORE ENZYME COMPANIES COMPETITIVE ANALYSIS**

- 3.1 World mRNA Vaccine Core Enzyme Revenue by Player (2021-2026)
- 3.2 Industry Rank and Concentration Rate (CR)
  - 3.2.1 Global mRNA Vaccine Core Enzyme Industry Rank of Major Players
  - 3.2.2 Global Concentration Ratios (CR4) for mRNA Vaccine Core Enzyme in 2025
  - 3.2.3 Global Concentration Ratios (CR8) for mRNA Vaccine Core Enzyme in 2025
- 3.3 mRNA Vaccine Core Enzyme Company Evaluation Quadrant
- 3.4 mRNA Vaccine Core Enzyme Market: Overall Company Footprint Analysis
  - 3.4.1 mRNA Vaccine Core Enzyme Market: Region Footprint
  - 3.4.2 mRNA Vaccine Core Enzyme Market: Company Product Type Footprint
  - 3.4.3 mRNA Vaccine Core Enzyme Market: Company Product Application Footprint
- 3.5 Competitive Environment
  - 3.5.1 Historical Structure of the Industry
  - 3.5.2 Barriers of Market Entry
  - 3.5.3 Factors of Competition
- 3.6 Mergers & Acquisitions Activity

### **4 UNITED STATES VS CHINA VS REST OF WORLD (BY HEADQUARTER LOCATION)**

- 4.1 United States VS China: mRNA Vaccine Core Enzyme Revenue Comparison (by Headquarter Location)
  - 4.1.1 United States VS China: mRNA Vaccine Core Enzyme Revenue Comparison (2021 & 2025 & 2032) (by Headquarter Location)
  - 4.1.2 United States VS China: mRNA Vaccine Core Enzyme Revenue Market Share Comparison (2021 & 2025 & 2032)
- 4.2 United States Based Companies VS China Based Companies: mRNA Vaccine Core Enzyme Consumption Value Comparison
  - 4.2.1 United States VS China: mRNA Vaccine Core Enzyme Consumption Value Comparison (2021 & 2025 & 2032)
  - 4.2.2 United States VS China: mRNA Vaccine Core Enzyme Consumption Value Market Share Comparison (2021 & 2025 & 2032)
- 4.3 United States Based mRNA Vaccine Core Enzyme Companies and Market Share, 2021-2026
  - 4.3.1 United States Based mRNA Vaccine Core Enzyme Companies, Headquarters (States, Country)
  - 4.3.2 United States Based Companies mRNA Vaccine Core Enzyme Revenue,

(2021-2026)

4.4 China Based Companies mRNA Vaccine Core Enzyme Revenue and Market Share, 2021-2026

4.4.1 China Based mRNA Vaccine Core Enzyme Companies, Company Headquarters (Province, Country)

4.4.2 China Based Companies mRNA Vaccine Core Enzyme Revenue, (2021-2026)

4.5 Rest of World Based mRNA Vaccine Core Enzyme Companies and Market Share, 2021-2026

4.5.1 Rest of World Based mRNA Vaccine Core Enzyme Companies, Headquarters (Province, Country)

4.5.2 Rest of World Based Companies mRNA Vaccine Core Enzyme Revenue (2021-2026)

## **5 MARKET ANALYSIS BY ENZYME TYPE**

5.1 World mRNA Vaccine Core Enzyme Market Size Overview by Enzyme Type: 2021 VS 2025 VS 2032

5.2 Segment Introduction by Enzyme Type

5.2.1 Capping Enzyme

5.2.2 2'-O-Methyltransferase

5.2.3 Inorganic Pyrophosphatase

5.2.4 Poly (A) Polymerase

5.2.5 Rnase Inhibitor

5.2.6 RNA Polymerase

5.2.7 Restriction Enzyme

5.2.8 Dnase I

5.2.9 Others

5.3 Market Segment by Enzyme Type

5.3.1 World mRNA Vaccine Core Enzyme Market Size by Enzyme Type (2021-2026)

5.3.2 World mRNA Vaccine Core Enzyme Market Size by Enzyme Type (2027-2032)

5.3.3 World mRNA Vaccine Core Enzyme Market Size Market Share by Enzyme Type (2027-2032)

## **6 MARKET ANALYSIS BY APPLICATION STAGE**

6.1 World mRNA Vaccine Core Enzyme Market Size Overview by Application Stage: 2021 VS 2025 VS 2032

6.2 Segment Introduction by Application Stage

6.2.1 Research-Grade

### 6.2.2 GMP Grade

## 6.3 Market Segment by Application Stage

6.3.1 World mRNA Vaccine Core Enzyme Market Size by Application Stage (2021-2026)

6.3.2 World mRNA Vaccine Core Enzyme Market Size by Application Stage (2027-2032)

6.3.3 World mRNA Vaccine Core Enzyme Market Size Market Share by Application Stage (2027-2032)

## 7 MARKET ANALYSIS BY APPLICATION

7.1 World mRNA Vaccine Core Enzyme Market Size Overview by Application: 2021 VS 2025 VS 2032

7.2 Segment Introduction by Application

7.2.1 Biopharmaceutical Companies

7.2.2 Academic and Research Institutions

7.3 Market Segment by Application

7.3.1 World mRNA Vaccine Core Enzyme Market Size by Application (2021-2026)

7.3.2 World mRNA Vaccine Core Enzyme Market Size by Application (2027-2032)

7.3.3 World mRNA Vaccine Core Enzyme Market Size Market Share by Application (2021-2032)

## 8 COMPANY PROFILES

8.1 Thermo Fisher

8.1.1 Thermo Fisher Details

8.1.2 Thermo Fisher Major Business

8.1.3 Thermo Fisher mRNA Vaccine Core Enzyme Product and Services

8.1.4 Thermo Fisher mRNA Vaccine Core Enzyme Revenue, Gross Margin and Market Share (2021-2026)

8.1.5 Thermo Fisher Recent Developments/Updates

8.1.6 Thermo Fisher Competitive Strengths & Weaknesses

8.2 NEB

8.2.1 NEB Details

8.2.2 NEB Major Business

8.2.3 NEB mRNA Vaccine Core Enzyme Product and Services

8.2.4 NEB mRNA Vaccine Core Enzyme Revenue, Gross Margin and Market Share (2021-2026)

8.2.5 NEB Recent Developments/Updates

- 8.2.6 NEB Competitive Strengths & Weaknesses
- 8.3 TriLink Bio Technologies
  - 8.3.1 TriLink Bio Technologies Details
  - 8.3.2 TriLink Bio Technologies Major Business
  - 8.3.3 TriLink Bio Technologies mRNA Vaccine Core Enzyme Product and Services
  - 8.3.4 TriLink Bio Technologies mRNA Vaccine Core Enzyme Revenue, Gross Margin and Market Share (2021-2026)
  - 8.3.5 TriLink Bio Technologies Recent Developments/Updates
  - 8.3.6 TriLink Bio Technologies Competitive Strengths & Weaknesses
- 8.4 Merck
  - 8.4.1 Merck Details
  - 8.4.2 Merck Major Business
  - 8.4.3 Merck mRNA Vaccine Core Enzyme Product and Services
  - 8.4.4 Merck mRNA Vaccine Core Enzyme Revenue, Gross Margin and Market Share (2021-2026)
  - 8.4.5 Merck Recent Developments/Updates
  - 8.4.6 Merck Competitive Strengths & Weaknesses
- 8.5 Aldevron
  - 8.5.1 Aldevron Details
  - 8.5.2 Aldevron Major Business
  - 8.5.3 Aldevron mRNA Vaccine Core Enzyme Product and Services
  - 8.5.4 Aldevron mRNA Vaccine Core Enzyme Revenue, Gross Margin and Market Share (2021-2026)
  - 8.5.5 Aldevron Recent Developments/Updates
  - 8.5.6 Aldevron Competitive Strengths & Weaknesses
- 8.6 Qiagen N.V.
  - 8.6.1 Qiagen N.V. Details
  - 8.6.2 Qiagen N.V. Major Business
  - 8.6.3 Qiagen N.V. mRNA Vaccine Core Enzyme Product and Services
  - 8.6.4 Qiagen N.V. mRNA Vaccine Core Enzyme Revenue, Gross Margin and Market Share (2021-2026)
  - 8.6.5 Qiagen N.V. Recent Developments/Updates
  - 8.6.6 Qiagen N.V. Competitive Strengths & Weaknesses
- 8.7 Promega
  - 8.7.1 Promega Details
  - 8.7.2 Promega Major Business
  - 8.7.3 Promega mRNA Vaccine Core Enzyme Product and Services
  - 8.7.4 Promega mRNA Vaccine Core Enzyme Revenue, Gross Margin and Market Share (2021-2026)

- 8.7.5 Promega Recent Developments/Updates
- 8.7.6 Promega Competitive Strengths & Weaknesses
- 8.8 Roche CustomBiotech
  - 8.8.1 Roche CustomBiotech Details
  - 8.8.2 Roche CustomBiotech Major Business
  - 8.8.3 Roche CustomBiotech mRNA Vaccine Core Enzyme Product and Services
  - 8.8.4 Roche CustomBiotech mRNA Vaccine Core Enzyme Revenue, Gross Margin and Market Share (2021-2026)
  - 8.8.5 Roche CustomBiotech Recent Developments/Updates
  - 8.8.6 Roche CustomBiotech Competitive Strengths & Weaknesses
- 8.9 Takara Bio Inc.
  - 8.9.1 Takara Bio Inc. Details
  - 8.9.2 Takara Bio Inc. Major Business
  - 8.9.3 Takara Bio Inc. mRNA Vaccine Core Enzyme Product and Services
  - 8.9.4 Takara Bio Inc. mRNA Vaccine Core Enzyme Revenue, Gross Margin and Market Share (2021-2026)
  - 8.9.5 Takara Bio Inc. Recent Developments/Updates
  - 8.9.6 Takara Bio Inc. Competitive Strengths & Weaknesses
- 8.10 Novoprotein
  - 8.10.1 Novoprotein Details
  - 8.10.2 Novoprotein Major Business
  - 8.10.3 Novoprotein mRNA Vaccine Core Enzyme Product and Services
  - 8.10.4 Novoprotein mRNA Vaccine Core Enzyme Revenue, Gross Margin and Market Share (2021-2026)
  - 8.10.5 Novoprotein Recent Developments/Updates
  - 8.10.6 Novoprotein Competitive Strengths & Weaknesses
- 8.11 Vazyme
  - 8.11.1 Vazyme Details
  - 8.11.2 Vazyme Major Business
  - 8.11.3 Vazyme mRNA Vaccine Core Enzyme Product and Services
  - 8.11.4 Vazyme mRNA Vaccine Core Enzyme Revenue, Gross Margin and Market Share (2021-2026)
  - 8.11.5 Vazyme Recent Developments/Updates
  - 8.11.6 Vazyme Competitive Strengths & Weaknesses
- 8.12 Hongene Biotech Corporatio
  - 8.12.1 Hongene Biotech Corporatio Details
  - 8.12.2 Hongene Biotech Corporatio Major Business
  - 8.12.3 Hongene Biotech Corporatio mRNA Vaccine Core Enzyme Product and Services

8.12.4 Hongene Biotech Corporatio mRNA Vaccine Core Enzyme Revenue, Gross Margin and Market Share (2021-2026)

8.12.5 Hongene Biotech Corporatio Recent Developments/Updates

8.12.6 Hongene Biotech Corporatio Competitive Strengths & Weaknesses

8.13 Yeasen Biotechnology (Shanghai)

8.13.1 Yeasen Biotechnology (Shanghai) Details

8.13.2 Yeasen Biotechnology (Shanghai) Major Business

8.13.3 Yeasen Biotechnology (Shanghai) mRNA Vaccine Core Enzyme Product and Services

8.13.4 Yeasen Biotechnology (Shanghai) mRNA Vaccine Core Enzyme Revenue, Gross Margin and Market Share (2021-2026)

8.13.5 Yeasen Biotechnology (Shanghai) Recent Developments/Updates

8.13.6 Yeasen Biotechnology (Shanghai) Competitive Strengths & Weaknesses

## **9 INDUSTRY CHAIN ANALYSIS**

9.1 mRNA Vaccine Core Enzyme Industry Chain

9.2 mRNA Vaccine Core Enzyme Upstream Analysis

9.3 mRNA Vaccine Core Enzyme Midstream Analysis

9.4 mRNA Vaccine Core Enzyme Downstream Analysis

## **10 RESEARCH FINDINGS AND CONCLUSION**

## **11 APPENDIX**

11.1 Methodology

11.2 Research Process and Data Source

11.3 Disclaimer

## List Of Tables

### LIST OF TABLES

Table 1. World mRNA Vaccine Core Enzyme Revenue by Region (2021, 2025 and 2032) & (USD Million), (by Headquarter Location)

Table 2. World mRNA Vaccine Core Enzyme Revenue by Region (2021-2026) & (USD Million), (by Headquarter Location)

Table 3. World mRNA Vaccine Core Enzyme Revenue by Region (2027-2032) & (USD Million), (by Headquarter Location)

Table 4. World mRNA Vaccine Core Enzyme Revenue Market Share by Region (2021-2026), (by Headquarter Location)

Table 5. World mRNA Vaccine Core Enzyme Revenue Market Share by Region (2027-2032), (by Headquarter Location)

Table 6. Major Market Trends

Table 7. World mRNA Vaccine Core Enzyme Consumption Value Growth Rate Forecast by Region (2021 & 2025 & 2032) & (USD Million)

Table 8. World mRNA Vaccine Core Enzyme Consumption Value by Region (2021-2026) & (USD Million)

Table 9. World mRNA Vaccine Core Enzyme Consumption Value Forecast by Region (2027-2032) & (USD Million)

Table 10. World mRNA Vaccine Core Enzyme Revenue by Player (2021-2026) & (USD Million)

Table 11. Revenue Market Share of Key mRNA Vaccine Core Enzyme Players in 2025

Table 12. World mRNA Vaccine Core Enzyme Industry Rank of Major Player, Based on Revenue in 2025

Table 13. Global mRNA Vaccine Core Enzyme Company Evaluation Quadrant

Table 14. Head Office of Key mRNA Vaccine Core Enzyme Players

Table 15. mRNA Vaccine Core Enzyme Market: Company Product Type Footprint

Table 16. mRNA Vaccine Core Enzyme Market: Company Product Application Footprint

Table 17. mRNA Vaccine Core Enzyme Mergers & Acquisitions Activity

Table 18. United States VS China mRNA Vaccine Core Enzyme Revenue Comparison, (2021 & 2025 & 2032) & (USD Million)

Table 19. United States VS China mRNA Vaccine Core Enzyme Consumption Value Comparison, (2021 & 2025 & 2032) & (USD Million)

Table 20. United States Based mRNA Vaccine Core Enzyme Companies, Headquarters (States, Country)

Table 21. United States Based Companies mRNA Vaccine Core Enzyme Revenue, (2021-2026) & (USD Million)

Table 22. United States Based Companies mRNA Vaccine Core Enzyme Revenue Market Share (2021-2026)

Table 23. China Based mRNA Vaccine Core Enzyme Companies, Headquarters (Province, Country)

Table 24. China Based Companies mRNA Vaccine Core Enzyme Revenue, (2021-2026) & (USD Million)

Table 25. China Based Companies mRNA Vaccine Core Enzyme Revenue Market Share (2021-2026)

Table 26. Rest of World Based mRNA Vaccine Core Enzyme Companies, Headquarters (Province, Country)

Table 27. Rest of World Based Companies mRNA Vaccine Core Enzyme Revenue (2021-2026) & (USD Million)

Table 28. Rest of World Based Companies mRNA Vaccine Core Enzyme Revenue Market Share (2021-2026)

Table 29. World mRNA Vaccine Core Enzyme Market Size by Enzyme Type, (USD Million), 2021 & 2025 & 2032

Table 30. World mRNA Vaccine Core Enzyme Market Size Value by Enzyme Type (2021-2026) & (USD Million)

Table 31. World mRNA Vaccine Core Enzyme Market Size by Enzyme Type (2027-2032) & (USD Million)

Table 32. World mRNA Vaccine Core Enzyme Market Size by Application Stage, (USD Million), 2021 & 2025 & 2032

Table 33. World mRNA Vaccine Core Enzyme Market Size Value by Application Stage (2021-2026) & (USD Million)

Table 34. World mRNA Vaccine Core Enzyme Market Size by Application Stage (2027-2032) & (USD Million)

Table 35. World mRNA Vaccine Core Enzyme Market Size by Application, (USD Million), 2021 & 2025 & 2032

Table 36. World mRNA Vaccine Core Enzyme Market Size by Application (2021-2026) & (USD Million)

Table 37. World mRNA Vaccine Core Enzyme Market Size by Application (2027-2032) & (USD Million)

Table 38. Thermo Fisher Basic Information, Manufacturing Base and Competitors

Table 39. Thermo Fisher Major Business

Table 40. Thermo Fisher mRNA Vaccine Core Enzyme Product and Services

Table 41. Thermo Fisher mRNA Vaccine Core Enzyme Revenue, Gross Margin and Market Share (2021-2026) & (USD Million)

Table 42. Thermo Fisher Recent Developments/Updates

Table 43. Thermo Fisher Competitive Strengths & Weaknesses

- Table 44. NEB Basic Information, Manufacturing Base and Competitors
- Table 45. NEB Major Business
- Table 46. NEB mRNA Vaccine Core Enzyme Product and Services
- Table 47. NEB mRNA Vaccine Core Enzyme Revenue, Gross Margin and Market Share (2021-2026) & (USD Million)
- Table 48. NEB Recent Developments/Updates
- Table 49. NEB Competitive Strengths & Weaknesses
- Table 50. TriLink Bio Technologies Basic Information, Manufacturing Base and Competitors
- Table 51. TriLink Bio Technologies Major Business
- Table 52. TriLink Bio Technologies mRNA Vaccine Core Enzyme Product and Services
- Table 53. TriLink Bio Technologies mRNA Vaccine Core Enzyme Revenue, Gross Margin and Market Share (2021-2026) & (USD Million)
- Table 54. TriLink Bio Technologies Recent Developments/Updates
- Table 55. TriLink Bio Technologies Competitive Strengths & Weaknesses
- Table 56. Merck Basic Information, Manufacturing Base and Competitors
- Table 57. Merck Major Business
- Table 58. Merck mRNA Vaccine Core Enzyme Product and Services
- Table 59. Merck mRNA Vaccine Core Enzyme Revenue, Gross Margin and Market Share (2021-2026) & (USD Million)
- Table 60. Merck Recent Developments/Updates
- Table 61. Merck Competitive Strengths & Weaknesses
- Table 62. Aldevron Basic Information, Manufacturing Base and Competitors
- Table 63. Aldevron Major Business
- Table 64. Aldevron mRNA Vaccine Core Enzyme Product and Services
- Table 65. Aldevron mRNA Vaccine Core Enzyme Revenue, Gross Margin and Market Share (2021-2026) & (USD Million)
- Table 66. Aldevron Recent Developments/Updates
- Table 67. Aldevron Competitive Strengths & Weaknesses
- Table 68. Qiagen N.V. Basic Information, Manufacturing Base and Competitors
- Table 69. Qiagen N.V. Major Business
- Table 70. Qiagen N.V. mRNA Vaccine Core Enzyme Product and Services
- Table 71. Qiagen N.V. mRNA Vaccine Core Enzyme Revenue, Gross Margin and Market Share (2021-2026) & (USD Million)
- Table 72. Qiagen N.V. Recent Developments/Updates
- Table 73. Qiagen N.V. Competitive Strengths & Weaknesses
- Table 74. Promega Basic Information, Manufacturing Base and Competitors
- Table 75. Promega Major Business
- Table 76. Promega mRNA Vaccine Core Enzyme Product and Services

Table 77. Promega mRNA Vaccine Core Enzyme Revenue, Gross Margin and Market Share (2021-2026) & (USD Million)

Table 78. Promega Recent Developments/Updates

Table 79. Promega Competitive Strengths & Weaknesses

Table 80. Roche CustomBiotech Basic Information, Manufacturing Base and Competitors

Table 81. Roche CustomBiotech Major Business

Table 82. Roche CustomBiotech mRNA Vaccine Core Enzyme Product and Services

Table 83. Roche CustomBiotech mRNA Vaccine Core Enzyme Revenue, Gross Margin and Market Share (2021-2026) & (USD Million)

Table 84. Roche CustomBiotech Recent Developments/Updates

Table 85. Roche CustomBiotech Competitive Strengths & Weaknesses

Table 86. Takara Bio Inc. Basic Information, Manufacturing Base and Competitors

Table 87. Takara Bio Inc. Major Business

Table 88. Takara Bio Inc. mRNA Vaccine Core Enzyme Product and Services

Table 89. Takara Bio Inc. mRNA Vaccine Core Enzyme Revenue, Gross Margin and Market Share (2021-2026) & (USD Million)

Table 90. Takara Bio Inc. Recent Developments/Updates

Table 91. Takara Bio Inc. Competitive Strengths & Weaknesses

Table 92. Novoprotein Basic Information, Manufacturing Base and Competitors

Table 93. Novoprotein Major Business

Table 94. Novoprotein mRNA Vaccine Core Enzyme Product and Services

Table 95. Novoprotein mRNA Vaccine Core Enzyme Revenue, Gross Margin and Market Share (2021-2026) & (USD Million)

Table 96. Novoprotein Recent Developments/Updates

Table 97. Novoprotein Competitive Strengths & Weaknesses

Table 98. Vazyme Basic Information, Manufacturing Base and Competitors

Table 99. Vazyme Major Business

Table 100. Vazyme mRNA Vaccine Core Enzyme Product and Services

Table 101. Vazyme mRNA Vaccine Core Enzyme Revenue, Gross Margin and Market Share (2021-2026) & (USD Million)

Table 102. Vazyme Recent Developments/Updates

Table 103. Vazyme Competitive Strengths & Weaknesses

Table 104. Hongene Biotech Corporatio Basic Information, Manufacturing Base and Competitors

Table 105. Hongene Biotech Corporatio Major Business

Table 106. Hongene Biotech Corporatio mRNA Vaccine Core Enzyme Product and Services

Table 107. Hongene Biotech Corporatio mRNA Vaccine Core Enzyme Revenue, Gross

Margin and Market Share (2021-2026) & (USD Million)

Table 108. Hongene Biotech Corporatio Recent Developments/Updates

Table 109. Hongene Biotech Corporatio Competitive Strengths & Weaknesses

Table 110. Yeasen Biotechnology (Shanghai) Basic Information, Manufacturing Base and Competitors

Table 111. Yeasen Biotechnology (Shanghai) Major Business

Table 112. Yeasen Biotechnology (Shanghai) mRNA Vaccine Core Enzyme Product and Services

Table 113. Yeasen Biotechnology (Shanghai) mRNA Vaccine Core Enzyme Revenue, Gross Margin and Market Share (2021-2026) & (USD Million)

Table 114. Yeasen Biotechnology (Shanghai) Recent Developments/Updates

Table 115. Yeasen Biotechnology (Shanghai) Competitive Strengths & Weaknesses

Table 116. Global Key Players of mRNA Vaccine Core Enzyme Upstream (Raw Materials)

Table 117. Global mRNA Vaccine Core Enzyme Typical Customers

## List Of Figures

### LIST OF FIGURES

Figure 1. mRNA Vaccine Core Enzyme Picture

Figure 2. World mRNA Vaccine Core Enzyme Total Revenue: 2021 & 2025 & 2032, (USD Million)

Figure 3. World mRNA Vaccine Core Enzyme Total Revenue (2021-2032) & (USD Million)

Figure 4. World mRNA Vaccine Core Enzyme Revenue by Region (2021, 2025 and 2032) & (USD Million), (by Headquarter Location)

Figure 5. World mRNA Vaccine Core Enzyme Revenue Market Share by Region (2021-2032), (by Headquarter Location)

Figure 6. United States Based Company mRNA Vaccine Core Enzyme Revenue (2021-2032) & (USD Million)

Figure 7. China Based Company mRNA Vaccine Core Enzyme Revenue (2021-2032) & (USD Million)

Figure 8. Europe Based Company mRNA Vaccine Core Enzyme Revenue (2021-2032) & (USD Million)

Figure 9. Japan Based Company mRNA Vaccine Core Enzyme Revenue (2021-2032) & (USD Million)

Figure 10. South Korea Based Company mRNA Vaccine Core Enzyme Revenue (2021-2032) & (USD Million)

Figure 11. ASEAN Based Company mRNA Vaccine Core Enzyme Revenue (2021-2032) & (USD Million)

Figure 12. India Based Company mRNA Vaccine Core Enzyme Revenue (2021-2032) & (USD Million)

Figure 13. mRNA Vaccine Core Enzyme Market Drivers

Figure 14. Factors Affecting Demand

Figure 15. World mRNA Vaccine Core Enzyme Consumption Value (2021-2032) & (USD Million)

Figure 16. World mRNA Vaccine Core Enzyme Consumption Value Market Share by Region (2021-2032)

Figure 17. United States mRNA Vaccine Core Enzyme Consumption Value (2021-2032) & (USD Million)

Figure 18. China mRNA Vaccine Core Enzyme Consumption Value (2021-2032) & (USD Million)

Figure 19. Europe mRNA Vaccine Core Enzyme Consumption Value (2021-2032) & (USD Million)

Figure 20. Japan mRNA Vaccine Core Enzyme Consumption Value (2021-2032) & (USD Million)

Figure 21. South Korea mRNA Vaccine Core Enzyme Consumption Value (2021-2032) & (USD Million)

Figure 22. ASEAN mRNA Vaccine Core Enzyme Consumption Value (2021-2032) & (USD Million)

Figure 23. India mRNA Vaccine Core Enzyme Consumption Value (2021-2032) & (USD Million)

Figure 24. Producer Shipments of mRNA Vaccine Core Enzyme by Player Revenue (\$MM) and Market Share (%): 2025

Figure 25. Global Four-firm Concentration Ratios (CR4) for mRNA Vaccine Core Enzyme Markets in 2025

Figure 26. Global Four-firm Concentration Ratios (CR8) for mRNA Vaccine Core Enzyme Markets in 2025

Figure 27. United States VS China: mRNA Vaccine Core Enzyme Revenue Market Share Comparison (2021 & 2025 & 2032)

Figure 28. United States VS China: mRNA Vaccine Core Enzyme Consumption Value Market Share Comparison (2021 & 2025 & 2032)

Figure 29. World mRNA Vaccine Core Enzyme Market Size by Enzyme Type, (USD Million), 2021 & 2025 & 2032

Figure 30. World mRNA Vaccine Core Enzyme Market Size Market Share by Enzyme Type in 2025

Figure 31. Capping Enzyme

Figure 32. 2'-O-Methyltransferase

Figure 33. Inorganic Pyrophosphatase

Figure 34. Poly (A) Polymerase

Figure 35. Rnase Inhibitor

Figure 36. RNA Polymerase

Figure 37. Restriction Enzyme

Figure 38. Dnase I

Figure 39. Restriction Enzyme

Figure 40. World mRNA Vaccine Core Enzyme Market Size Market Share by Enzyme Type (2021-2032)

Figure 41. World mRNA Vaccine Core Enzyme Market Size by Application Stage, (USD Million), 2021 & 2025 & 2032

Figure 42. World mRNA Vaccine Core Enzyme Market Size Market Share by Application Stage in 2025

Figure 43. Research-Grade

Figure 44. GMP Grade

Figure 45. World mRNA Vaccine Core Enzyme Market Size Market Share by Application Stage (2021-2032)

Figure 46. World mRNA Vaccine Core Enzyme Market Size by Application, (USD Million), 2021 & 2025 & 2032

Figure 47. World mRNA Vaccine Core Enzyme Market Size Market Share by Application in 2025

Figure 48. Biopharmaceutical Companies

Figure 49. Academic and Research Institutions

Figure 50. World mRNA Vaccine Core Enzyme Market Size Market Share by Application (2021-2032)

Figure 51. mRNA Vaccine Core Enzyme Industrial Chain

Figure 52. Methodology

Figure 53. Research Process and Data Source

## I would like to order

Product name: Global mRNA Vaccine Core Enzyme Supply, Demand and Key Producers, 2026-2032

Product link: <https://marketpublishers.com/r/G232B6611655EN.html>

Price: US\$ 4,480.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

[info@marketpublishers.com](mailto:info@marketpublishers.com)

## Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/G232B6611655EN.html>