

mRNA Synthesis Raw Materials Market Size, Trends, Analysis, and Outlook By Type (Capping Agents, Nucleotides, Plasmid DNA, Others), By Application (Therapeutics Production, Vaccine Production, Others), By End-user (Biopharmaceutical & Pharmaceutical Companies, CROs & CMOs, Academic & Research Institutions), by Region, Country, Segment, and Companies, 2024-2030

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Abstracts

The global mRNA Synthesis Raw Materials market size is poised to register 3.43% growth from 2024 to 2030, presenting significant growth prospects for companies operating in the industry. The industry study analyzes the global mRNA Synthesis Raw Materials market across By Type (Capping Agents, Nucleotides, Plasmid DNA, Others), By Application (Therapeutics Production, Vaccine Production, Others), By End-user (Biopharmaceutical & Pharmaceutical Companies, CROs & CMOs, Academic & Research Institutions).

The mRNA Synthesis Raw Materials Market is experiencing growth driven by the increasing demand for mRNA-based vaccines, therapeutics, and research tools in infectious diseases, cancer immunotherapy, and genetic medicine. mRNA synthesis raw materials encompass nucleotide building blocks, modified nucleosides, lipids, and other reagents used in the production and formulation of mRNA molecules for in vitro transcription and cellular delivery. Key trends shaping its future include the development of novel mRNA synthesis chemistries and purification methods for efficient and scalable production of high-quality mRNA products, the optimization of mRNA delivery systems and formulations for improved stability, targeting, and immunogenicity, and the

customization of raw material specifications and quality control standards to meet regulatory requirements and manufacturing standards. Additionally, factors such as the rapid development of mRNA-based vaccines against emerging infectious diseases, the investments in mRNA therapeutics and drug discovery, and the advancements in RNA biology and genome editing technologies are expected to drive market growth in 2024 and beyond.

mRNA Synthesis Raw Materials Market Drivers, Trends, Opportunities, and Growth Opportunities

This comprehensive study discusses the latest trends and the most pressing challenges for industry players and investors. The mRNA Synthesis Raw Materials market research analyses the global market trends, key drivers, challenges, and opportunities in the industry. In addition, the latest Future of mRNA Synthesis Raw Materials survey report provides the market size outlook across types, applications, and other segments across the world and regions. It provides data-driven insights and actionable recommendations for companies in the mRNA Synthesis Raw Materials industry.

Key market trends defining the global mRNA Synthesis Raw Materials demand in 2024 and Beyond

The industry continues to remain an attractive hub for opportunities for both domestic and global vendors. As the market evolves, factors such as emerging market dynamics, demand from end-user sectors, a growing patient base, changes in consumption patterns, and widening distribution channels continue to play a major role.

mRNA Synthesis Raw Materials Market Segmentation- Industry Share, Market Size, and Outlook to 2030

The mRNA Synthesis Raw Materials industry comprises a wide range of segments and sub-segments. The rising demand for these product types and applications is supporting companies to increase their investment levels across niche segments. Accordingly, leading companies plan to generate a large share of their future revenue growth from expansion into these niche segments. The report presents the market size outlook across segments to support mRNA Synthesis Raw Materials companies scaling up production in these sub-segments with a focus on expanding into emerging countries.

Key strategies adopted by companies within the mRNA Synthesis Raw Materials

industry

Leading mRNA Synthesis Raw Materials companies are boosting investments to capitalize on untapped potential and future possibilities across niche market segments and surging demand conditions in key regions. Further, companies are leveraging advanced technologies to unlock opportunities and achieve operational excellence. The report provides key strategies opted for by the top 10 mRNA Synthesis Raw Materials companies.

mRNA Synthesis Raw Materials Market Study- Strategic Analysis Review

The mRNA Synthesis Raw Materials market research report dives deep into the qualitative factors shaping the market, empowering you to make informed decisions-

Industry Dynamics: Porter's Five Forces analysis to understand bargaining power, competitive rivalry, and threats that impact long-term strategy formulation.

Strategic Insights: Provides valuable perspectives on key players and their approaches based on comprehensive strategy analysis.

Internal Strengths and Weaknesses: Develop targeted strategies to leverage strengths, address weaknesses, and capitalize on market opportunities.

Future Possibilities: Prepare for diverse outcomes with in-depth scenario analysis. Explore potential market disruptions, technology advancements, and economic changes.

mRNA Synthesis Raw Materials Market Size Outlook- Historic and Forecast Revenue in Three Cases

The mRNA Synthesis Raw Materials industry report provides a detailed analysis and outlook of revenue generated by companies from 2018 to 2023. Further, with actual data for 2023, the report forecasts the market size outlook from 2024 to 2030 in three case scenarios- low case, reference case, and high case scenarios.

mRNA Synthesis Raw Materials Country Analysis and Revenue Outlook to 2030

The report analyses 22 countries worldwide including the key driving forces and market size outlook from 2021 to 2030. In addition, region analysis across Asia Pacific, Europe, the Middle East, Africa, North America, and South America is included in the study. For each of the six regions, the market size outlook by segments is forecast for 2030.

North America mRNA Synthesis Raw Materials Market Size Outlook- Companies plan for focused investments in a changing environment

The US continues to remain the market leader in North America, driven by a large consumer base, the presence of well-established providers, and a strong end-user industry demand. Leading companies focus on new product launches in the changing environment. The US economy is expected to grow in 2024 (around 2.2% growth in 2024), potentially driving demand for various mRNA Synthesis Raw Materials market segments. Similarly, Strong end-user demand is encouraging Canadian mRNA Synthesis Raw Materials companies to invest in niche segments. Further, as Mexico continues to strengthen its trade relations and invest in technological advancements, the Mexico mRNA Synthesis Raw Materials market is expected to experience significant expansion, offering lucrative opportunities for both domestic and international stakeholders.

Europe mRNA Synthesis Raw Materials Market Size Outlook-Companies investing in assessing consumers, categories, competitors, and capabilities

The German industry remains the major market for companies in the European mRNA Synthesis Raw Materials industry with consumers in Germany, France, the UK, Spain, Italy, and others anticipated to register a steady demand throughout the forecast period, driving the overall market prospects. In addition, the proactive approach of businesses in identifying and leveraging new growth prospects positions the European mRNA Synthesis Raw Materials market for an upward trajectory, fostering both domestic and international interest. Leading brands operating in the industry are emphasizing effective marketing strategies, innovative product offerings, and a keen understanding of consumer preferences.

Asia Pacific mRNA Synthesis Raw Materials Market Size Outlook- an attractive hub for opportunities for both local and global companies

The increasing prevalence of indications, robust healthcare expenditure, and increasing investments in healthcare infrastructure drive the demand for mRNA Synthesis Raw Materials in Asia Pacific. In particular, China, India, and South East Asian mRNA

Synthesis Raw Materials markets present a compelling outlook for 2030, acting as a magnet for both domestic and multinational manufacturers seeking growth opportunities. Similarly, with a burgeoning population and a rising middle class, India offers a vast consumer market. Japanese and Korean companies are quickly aligning their strategies to navigate changes, explore new markets, and enhance their competitive edge. Our report utilizes in-depth interviews with industry experts and comprehensive data analysis to provide a comprehensive outlook of 6 major markets in the region.

Latin America mRNA Synthesis Raw Materials Market Size Outlook- Continued urbanization and rising income levels

Rising income levels contribute to greater purchasing power among consumers, spurring consumption and creating opportunities for market expansion. Continued urbanization and rising income levels are expected to sustainably drive consumption growth in the medium to long term.

Middle East and Africa mRNA Synthesis Raw Materials Market Size Outlook- continues its upward trajectory across segments

Robust demand from Middle Eastern countries including Saudi Arabia, the UAE, Qatar, Kuwait, and other GCC countries supports the overall Middle East mRNA Synthesis Raw Materials market potential. Fueled by increasing healthcare expenditure of individuals, growing population, and high prevalence across a few markets drives the demand for mRNA Synthesis Raw Materials.

mRNA Synthesis Raw Materials Market Company Profiles

The global mRNA Synthesis Raw Materials market is characterized by intense competitive conditions with leading companies opting for aggressive marketing to gain market shares. The report presents business descriptions, SWOT analysis, growth strategies, and financial profiles. Leading companies included in the study are BOC Sciences, Creative Biogene, F. Hoffmann-La Roche Ltd, HONGENE, Jena Bioscience GmbH, Maravai LifeSciences, Merck KGaA, New England Biolabs, Thermo Fisher Scientific Inc, Yeasen Biotechnology Co. Ltd

Recent mRNA Synthesis Raw Materials Market Developments

The global mRNA Synthesis Raw Materials market study presents recent market news

and developments including new product launches, mergers, acquisitions, expansions, product approvals, and other updates in the industry.

mRNA Synthesis Raw Materials Market Report Scope

Parameters: Revenue, Volume Price

Study Period: 2023 (Base Year); 2018- 2023 (Historic Period); 2024- 2030 (Forecast Period)

Currency: USD; (Upon request, can be provided in Euro, JPY, GBP, and other Local Currency)

Qualitative Analysis

Pricing Analysis

Value Chain Analysis

SWOT Profile

Market Dynamics- Trends, Drivers, Challenges

Porter's Five Forces Analysis

Macroeconomic Impact Analysis

Case Scenarios- Low, Base, High

Market Segmentation:

By Type

Capping Agents

Nucleotides

Plasmid DNA

Others

By Application

Therapeutics Production

Vaccine Production

Others

By End-User

Biopharmaceutical & Pharmaceutical Companies

CROs & CMOs

Academic & Research Institutions

Geographical Segmentation:

North America (3 markets)

Europe (6 markets)

Asia Pacific (6 markets)

Latin America (3 markets)

Middle East Africa (5 markets)

Companies

BOC Sciences

Creative Biogene

F. Hoffmann-La Roche Ltd

HONGENE

Jena Bioscience GmbH

Maravai LifeSciences

Merck KGaA

New England Biolabs

Thermo Fisher Scientific Inc

Yeasen Biotechnology Co. Ltd

Formats Available: Excel, PDF, and PPT

Contents

1. EXECUTIVE SUMMARY

- 1.1 mRNA Synthesis Raw Materials Market Overview and Key Findings, 2024
- 1.2 mRNA Synthesis Raw Materials Market Size and Growth Outlook, 2021- 2030
- 1.3 mRNA Synthesis Raw Materials Market Growth Opportunities to 2030
- 1.4 Key mRNA Synthesis Raw Materials Market Trends and Challenges
 - 1.4.1 mRNA Synthesis Raw Materials Market Drivers and Trends
 - 1.4.2 mRNA Synthesis Raw Materials Market Challenges
- 1.5 Competitive Landscape and Key Players
- 1.6 Competitive Analysis- Growth Strategies Adopted by Leading mRNA Synthesis Raw Materials Companies

2. MRNA SYNTHESIS RAW MATERIALS MARKET SIZE OUTLOOK TO 2030

- 2.1 mRNA Synthesis Raw Materials Market Size Outlook, USD Million, 2021- 2030
- 2.2 mRNA Synthesis Raw Materials Incremental Market Growth Outlook, %, 2021- 2030
- 2.3 Segment Snapshot, 2024

3. MRNA SYNTHESIS RAW MATERIALS MARKET- STRATEGIC ANALYSIS REVIEW

- 3.1 Porter's Five Forces Analysis
 - * Threat of New Entrants
 - * Threat of Substitutes
 - * Intensity of Competitive Rivalry
 - * Bargaining Power of Buyers
 - * Bargaining Power of Suppliers
- 3.2 Value Chain Analysis
- 3.3 SWOT Analysis

4. MRNA SYNTHESIS RAW MATERIALS MARKET SEGMENTATION ANALYSIS AND OUTLOOK

- 4.1 Market Segmentation and Scope
- 4.2 Market Breakdown by Type, Application, and Other Segments, 2021-2030
 - By Type
 - Capping Agents

Nucleotides

Plasmid DNA

Others

By Application

Therapeutics Production

Vaccine Production

Others

By End-User

Biopharmaceutical & Pharmaceutical Companies

CROs & CMOs

Academic & Research Institutions

4.3 Growth Prospects and Niche Opportunities, 2023- 2030

4.4 Regional comparison of Market Growth, CAGR, 2023-2030

5. REGION-WISE MARKET OUTLOOK TO 2030

5.1 Key Findings for Asia Pacific mRNA Synthesis Raw Materials Market, 2025

5.2 Asia Pacific mRNA Synthesis Raw Materials Market Size Outlook by Type, 2021- 2030

5.3 Asia Pacific mRNA Synthesis Raw Materials Market Size Outlook by Application, 2021- 2030

5.4 Key Findings for Europe mRNA Synthesis Raw Materials Market, 2025

5.5 Europe mRNA Synthesis Raw Materials Market Size Outlook by Type, 2021- 2030

5.6 Europe mRNA Synthesis Raw Materials Market Size Outlook by Application, 2021- 2030

5.7 Key Findings for North America mRNA Synthesis Raw Materials Market, 2025

5.8 North America mRNA Synthesis Raw Materials Market Size Outlook by Type, 2021- 2030

5.9 North America mRNA Synthesis Raw Materials Market Size Outlook by Application, 2021- 2030

5.10 Key Findings for South America mRNA Synthesis Raw Materials Market, 2025

5.11 South America Pacific mRNA Synthesis Raw Materials Market Size Outlook by Type, 2021- 2030

5.12 South America mRNA Synthesis Raw Materials Market Size Outlook by Application, 2021- 2030

5.13 Key Findings for Middle East and Africa mRNA Synthesis Raw Materials Market, 2025

5.14 Middle East Africa mRNA Synthesis Raw Materials Market Size Outlook by Type, 2021- 2030

5.15 Middle East Africa mRNA Synthesis Raw Materials Market Size Outlook by Application, 2021- 2030

6. COUNTRY-WISE MARKET SIZE OUTLOOK TO 2030

6.1 US mRNA Synthesis Raw Materials Market Size Outlook and Revenue Growth Forecasts

6.2 US mRNA Synthesis Raw Materials Industry Drivers and Opportunities

6.3 Canada Market Size Outlook and Revenue Growth Forecasts

6.4 Canada mRNA Synthesis Raw Materials Industry Drivers and Opportunities

6.6 Mexico Market Size Outlook and Revenue Growth Forecasts

6.6 Mexico mRNA Synthesis Raw Materials Industry Drivers and Opportunities

6.7 Germany Market Size Outlook and Revenue Growth Forecasts

6.8 Germany mRNA Synthesis Raw Materials Industry Drivers and Opportunities

6.9 France Market Size Outlook and Revenue Growth Forecasts

6.10 France mRNA Synthesis Raw Materials Industry Drivers and Opportunities

6.11 UK Market Size Outlook and Revenue Growth Forecasts

6.12 UK mRNA Synthesis Raw Materials Industry Drivers and Opportunities

6.13 Spain Market Size Outlook and Revenue Growth Forecasts

6.14 Spain mRNA Synthesis Raw Materials Industry Drivers and Opportunities

6.16 Italy Market Size Outlook and Revenue Growth Forecasts

6.16 Italy mRNA Synthesis Raw Materials Industry Drivers and Opportunities

6.17 Rest of Europe Market Size Outlook and Revenue Growth Forecasts

6.18 Rest of Europe mRNA Synthesis Raw Materials Industry Drivers and Opportunities

6.19 China Market Size Outlook and Revenue Growth Forecasts

6.20 China mRNA Synthesis Raw Materials Industry Drivers and Opportunities

6.21 India Market Size Outlook and Revenue Growth Forecasts

6.22 India mRNA Synthesis Raw Materials Industry Drivers and Opportunities

6.23 Japan Market Size Outlook and Revenue Growth Forecasts

6.24 Japan mRNA Synthesis Raw Materials Industry Drivers and Opportunities

6.26 South Korea Market Size Outlook and Revenue Growth Forecasts

6.26 South Korea mRNA Synthesis Raw Materials Industry Drivers and Opportunities

6.27 Australia Market Size Outlook and Revenue Growth Forecasts

6.28 Australia mRNA Synthesis Raw Materials Industry Drivers and Opportunities

6.29 South East Asia Market Size Outlook and Revenue Growth Forecasts

6.30 South East Asia mRNA Synthesis Raw Materials Industry Drivers and Opportunities

6.31 Rest of Asia Pacific Market Size Outlook and Revenue Growth Forecasts

6.32 Rest of Asia Pacific mRNA Synthesis Raw Materials Industry Drivers and

Opportunities

- 6.33 Brazil Market Size Outlook and Revenue Growth Forecasts
- 6.34 Brazil mRNA Synthesis Raw Materials Industry Drivers and Opportunities
- 6.36 Argentina Market Size Outlook and Revenue Growth Forecasts
- 6.36 Argentina mRNA Synthesis Raw Materials Industry Drivers and Opportunities
- 6.37 Rest of South America Market Size Outlook and Revenue Growth Forecasts
- 6.38 Rest of South America mRNA Synthesis Raw Materials Industry Drivers and Opportunities
- 6.39 Middle East Market Size Outlook and Revenue Growth Forecasts
- 6.40 Middle East mRNA Synthesis Raw Materials Industry Drivers and Opportunities
- 6.41 Africa Market Size Outlook and Revenue Growth Forecasts
- 6.42 Africa mRNA Synthesis Raw Materials Industry Drivers and Opportunities

7. MRNA SYNTHESIS RAW MATERIALS MARKET OUTLOOK ACROSS SCENARIOS

- 7.1 Low Growth Case
- 7.2 Reference Growth Case
- 7.3 High Growth Case

8. MRNA SYNTHESIS RAW MATERIALS COMPANY PROFILES

- 8.1 Profiles of Leading mRNA Synthesis Raw Materials Companies in the Market
- 8.2 Business Descriptions, SWOT Analysis, and Growth Strategies
- 8.3 Financial Performance and Key Metrics

BOC Sciences

Creative Biogene

F. Hoffmann-La Roche Ltd

HONGENE

Jena Bioscience GmbH

Maravai LifeSciences

Merck KGaA

New England Biolabs

Thermo Fisher Scientific Inc

Yeasen Biotechnology Co. Ltd

9. APPENDIX

- 9.1 Scope of the Report

9.2 Research Methodology and Data Sources

9.3 Glossary of Terms

9.4 Market Definitions

9.5 Contact Information

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