

Viral Vector Production Market Size, Trends, Analysis, and Outlook By Indication (Cancer, Genetic Disorders, Infectious Diseases, Other Diseases), By Application (Gene Therapy, Vaccinology), By Viral Vector (Adenoviral Vectors, Lentiviral Vectors, Retroviral Vectors, Adeno-Associated Viral Vectors, Others), by Region, Country, Segment, and Companies, 2024-2030

<https://marketpublishers.com/r/V7DB21AF6A8BEN.html>

Date: March 2024

Pages: 190

Price: US\$ 3,980.00 (Single User License)

ID: V7DB21AF6A8BEN

Abstracts

The global Viral Vector Production market size is poised to register 17.68% growth from 2024 to 2030, presenting significant growth prospects for companies operating in the industry. The industry study analyzes the global Viral Vector Production market across By Indication (Cancer, Genetic Disorders, Infectious Diseases, Other Diseases), By Application (Gene Therapy, Vaccinology), By Viral Vector (Adenoviral Vectors, Lentiviral Vectors, Retroviral Vectors, Adeno-Associated Viral Vectors, Others).

The Viral Vector Production Market is experiencing growth propelled by increasing demand for gene therapy and vaccine development, advancements in viral vector manufacturing technology, and expanding applications of viral vectors in gene transfer and cell therapy. Viral vectors are vehicles used to deliver genetic material into target cells for therapeutic or research purposes, including recombinant viruses derived from adenoviruses, lentiviruses, and adeno-associated viruses. Key trends include the development of scalable and efficient viral vector production platforms such as mammalian cell culture and viral vector transfection systems, the optimization of viral vector purification and downstream processing techniques for high-purity vector yields, and the customization of production processes for different viral vector constructs and therapeutic applications. Moreover, increasing investment in gene therapy research and development, expansion of contract manufacturing services for viral vectors, and

regulatory approvals for viral vector-based therapies contribute to market growth.

Viral Vector Production 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 Viral Vector Production market research analyses the global market trends, key drivers, challenges, and opportunities in the industry. In addition, the latest Future of Viral Vector Production 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 Viral Vector Production industry.

Key market trends defining the global Viral Vector Production 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.

Viral Vector Production Market Segmentation- Industry Share, Market Size, and Outlook to 2030

The Viral Vector Production 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 Viral Vector Production companies scaling up production in these sub-segments with a focus on expanding into emerging countries.

Key strategies adopted by companies within the Viral Vector Production industry

Leading Viral Vector Production 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 Viral Vector Production companies.

Viral Vector Production Market Study- Strategic Analysis Review

The Viral Vector Production 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.

Viral Vector Production Market Size Outlook- Historic and Forecast Revenue in Three Cases

The Viral Vector Production 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.

Viral Vector Production 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 Viral Vector Production 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 Viral Vector Production market segments. Similarly, Strong end-user demand is encouraging Canadian Viral Vector Production companies to invest in niche segments. Further, as Mexico continues to strengthen its trade relations and invest in technological advancements, the Mexico Viral Vector Production market is expected to experience significant expansion, offering lucrative opportunities for both domestic and international stakeholders.

Europe Viral Vector Production Market Size Outlook-Companies investing in assessing consumers, categories, competitors, and capabilities

The German industry remains the major market for companies in the European Viral Vector Production 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 Viral Vector Production 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 Viral Vector Production 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 Viral Vector Production in Asia Pacific. In particular, China, India, and South East Asian Viral Vector Production 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 Viral Vector Production 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 Viral Vector Production 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 Viral Vector Production market potential. Fueled by increasing healthcare expenditure of individuals, growing population, and high prevalence across a few markets drives the demand for Viral Vector Production.

Viral Vector Production Market Company Profiles

The global Viral Vector Production 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 Addgene Inc, Advanced BioScience Laboratories Inc, Aldevron Llc, Audentes Therapeutics, Batavia Biosciences B.V., BioMarin Pharmaceutical, BioNTech IMFS GmbH, Biovion oy, BlueBird Bio, Catalent Inc, Cell and Gene Therapy Catapult, CEVEC Pharmaceuticals GmbH, Cobra Biologics Ltd, Creative Biogene, FUJIFILM Diosynth Biotechnologies U.S.A. Inc, GE Healthcare, Genezen, Lonza, Merck KGaA, Miltenyi Biotec GmbH, Novasep Holding S.A.S, Orgenesis Biotech Israel Ltd, RegenxBio Inc, SIRION Biotech GmbH, Takara Bio., Thermo Fisher Scientific, VGXI Inc, Vibalogics GmbH, Vigene Biosciences Inc, Virovek Incorporation, VIVEbiotech S.L., Waisman Biomanufacturing, Wuxi AppTec Co. Ltd, YPOSKESI

Recent Viral Vector Production Market Developments

The global Viral Vector Production market study presents recent market news and developments including new product launches, mergers, acquisitions, expansions, product approvals, and other updates in the industry.

Viral Vector Production 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 Indication

Cancer

Genetic Disorders

Infectious Diseases

Other Diseases

By Application

Gene Therapy

Vaccinology

By Viral Vector

Adenoviral Vectors

Lentiviral Vectors

Retroviral Vectors

Adeno-Associated Viral Vectors

Others

Geographical Segmentation:

North America (3 markets)

Europe (6 markets)

Asia Pacific (6 markets)

Latin America (3 markets)

Middle East Africa (5 markets)

Companies

Addgene Inc

Advanced BioScience Laboratories Inc

Aldevron Llc

Audentes Therapeutics

Batavia Biosciences B.V.

BioMarin Pharmaceutical

BioNTech IMFS GmbH

Biovion oy

BlueBird Bio

Catalent Inc

Cell and Gene Therapy Catapult

CEVEC Pharmaceuticals GmbH

Cobra Biologics Ltd

Creative Biogene

FUJIFILM Diosynth Biotechnologies U.S.A. Inc

GE Healthcare

Genezen

Lonza

Merck KGaA

Miltenyi Biotec GmbH

Novasep Holding S.A.S

Orgenesis Biotech Israel Ltd

RegenxBio Inc

SIRION Biotech GmbH

Takara Bio.

Thermo Fisher Scientific

VGXI Inc

Vibalogics GmbH

Vigene Biosciences Inc

Virovek Incorporation

VIVEbiotech S.L.

Waisman Biomanufacturing

Wuxi AppTec Co. Ltd

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Formats Available: Excel, PDF, and PPT

Contents

1. EXECUTIVE SUMMARY

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

2. VIRAL VECTOR PRODUCTION MARKET SIZE OUTLOOK TO 2030

- 2.1 Viral Vector Production Market Size Outlook, USD Million, 2021- 2030
- 2.2 Viral Vector Production Incremental Market Growth Outlook, %, 2021- 2030
- 2.3 Segment Snapshot, 2024

3. VIRAL VECTOR PRODUCTION 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. VIRAL VECTOR PRODUCTION MARKET SEGMENTATION ANALYSIS AND OUTLOOK

- 4.1 Market Segmentation and Scope
- 4.2 Market Breakdown by Type, Application, and Other Segments, 2021-2030
 - By Indication
 - Cancer
 - Genetic Disorders

Infectious Diseases

Other Diseases

By Application

Gene Therapy

Vaccinology

By Viral Vector

Adenoviral Vectors

Lentiviral Vectors

Retroviral Vectors

Adeno-Associated Viral Vectors

Others

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 Viral Vector Production Market, 2025

5.2 Asia Pacific Viral Vector Production Market Size Outlook by Type, 2021- 2030

5.3 Asia Pacific Viral Vector Production Market Size Outlook by Application, 2021- 2030

5.4 Key Findings for Europe Viral Vector Production Market, 2025

5.5 Europe Viral Vector Production Market Size Outlook by Type, 2021- 2030

5.6 Europe Viral Vector Production Market Size Outlook by Application, 2021- 2030

5.7 Key Findings for North America Viral Vector Production Market, 2025

5.8 North America Viral Vector Production Market Size Outlook by Type, 2021- 2030

5.9 North America Viral Vector Production Market Size Outlook by Application, 2021- 2030

5.10 Key Findings for South America Viral Vector Production Market, 2025

5.11 South America Pacific Viral Vector Production Market Size Outlook by Type, 2021- 2030

5.12 South America Viral Vector Production Market Size Outlook by Application, 2021- 2030

5.13 Key Findings for Middle East and Africa Viral Vector Production Market, 2025

5.14 Middle East Africa Viral Vector Production Market Size Outlook by Type, 2021- 2030

5.15 Middle East Africa Viral Vector Production Market Size Outlook by Application, 2021- 2030

6. COUNTRY-WISE MARKET SIZE OUTLOOK TO 2030

- 6.1 US Viral Vector Production Market Size Outlook and Revenue Growth Forecasts
- 6.2 US Viral Vector Production Industry Drivers and Opportunities
- 6.3 Canada Market Size Outlook and Revenue Growth Forecasts
- 6.4 Canada Viral Vector Production Industry Drivers and Opportunities
- 6.6 Mexico Market Size Outlook and Revenue Growth Forecasts
- 6.6 Mexico Viral Vector Production Industry Drivers and Opportunities
- 6.7 Germany Market Size Outlook and Revenue Growth Forecasts
- 6.8 Germany Viral Vector Production Industry Drivers and Opportunities
- 6.9 France Market Size Outlook and Revenue Growth Forecasts
- 6.10 France Viral Vector Production Industry Drivers and Opportunities
- 6.11 UK Market Size Outlook and Revenue Growth Forecasts
- 6.12 UK Viral Vector Production Industry Drivers and Opportunities
- 6.13 Spain Market Size Outlook and Revenue Growth Forecasts
- 6.14 Spain Viral Vector Production Industry Drivers and Opportunities
- 6.16 Italy Market Size Outlook and Revenue Growth Forecasts
- 6.16 Italy Viral Vector Production Industry Drivers and Opportunities
- 6.17 Rest of Europe Market Size Outlook and Revenue Growth Forecasts
- 6.18 Rest of Europe Viral Vector Production Industry Drivers and Opportunities
- 6.19 China Market Size Outlook and Revenue Growth Forecasts
- 6.20 China Viral Vector Production Industry Drivers and Opportunities
- 6.21 India Market Size Outlook and Revenue Growth Forecasts
- 6.22 India Viral Vector Production Industry Drivers and Opportunities
- 6.23 Japan Market Size Outlook and Revenue Growth Forecasts
- 6.24 Japan Viral Vector Production Industry Drivers and Opportunities
- 6.26 South Korea Market Size Outlook and Revenue Growth Forecasts
- 6.26 South Korea Viral Vector Production Industry Drivers and Opportunities
- 6.27 Australia Market Size Outlook and Revenue Growth Forecasts
- 6.28 Australia Viral Vector Production Industry Drivers and Opportunities
- 6.29 South East Asia Market Size Outlook and Revenue Growth Forecasts
- 6.30 South East Asia Viral Vector Production Industry Drivers and Opportunities
- 6.31 Rest of Asia Pacific Market Size Outlook and Revenue Growth Forecasts
- 6.32 Rest of Asia Pacific Viral Vector Production Industry Drivers and Opportunities
- 6.33 Brazil Market Size Outlook and Revenue Growth Forecasts
- 6.34 Brazil Viral Vector Production Industry Drivers and Opportunities
- 6.36 Argentina Market Size Outlook and Revenue Growth Forecasts
- 6.36 Argentina Viral Vector Production Industry Drivers and Opportunities
- 6.37 Rest of South America Market Size Outlook and Revenue Growth Forecasts
- 6.38 Rest of South America Viral Vector Production Industry Drivers and Opportunities
- 6.39 Middle East Market Size Outlook and Revenue Growth Forecasts

- 6.40 Middle East Viral Vector Production Industry Drivers and Opportunities
- 6.41 Africa Market Size Outlook and Revenue Growth Forecasts
- 6.42 Africa Viral Vector Production Industry Drivers and Opportunities

7. VIRAL VECTOR PRODUCTION MARKET OUTLOOK ACROSS SCENARIOS

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

8. VIRAL VECTOR PRODUCTION COMPANY PROFILES

- 8.1 Profiles of Leading Viral Vector Production Companies in the Market
- 8.2 Business Descriptions, SWOT Analysis, and Growth Strategies
- 8.3 Financial Performance and Key Metrics

Addgene Inc

Advanced BioScience Laboratories Inc

Aldevron Llc

Audentes Therapeutics

Batavia Biosciences B.V.

BioMarin Pharmaceutical

BioNTech IMFS GmbH

Biovion oy

BlueBird Bio

Catalent Inc

Cell and Gene Therapy Catapult

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Vibalogics GmbH
Vigene Biosciences Inc
Virovek Incorporation
VIVEbiotech S.L.
Waisman Biomanufacturing
Wuxi AppTec Co. Ltd
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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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