

Global Viral Vector Manufacturing CDMO Services Market 2026 by Company, Regions, Type and Application, Forecast to 2032

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Abstracts

According to our (Global Info Research) latest study, the global Viral Vector Manufacturing CDMO Services market size was valued at US\$ 856 million in 2025 and is forecast to a readjusted size of US\$ 3592 million by 2032 with a CAGR of 23.0% during review period.

Viral Vector Manufacturing CDMO Services refer to providing professional viral vector production and development services to biopharmaceutical companies. These viral vectors are usually used in gene therapy, vaccine development, cell therapy and other fields. CDMO organizations are responsible for the design and optimization of viral vectors to large-scale production in accordance with GMP standards, ensuring the safety and effectiveness of the products, while strictly controlling the quality of each production link. These services provide key technical support for biopharmaceutical companies to help accelerate the development and commercialization of their products.

The Viral Vector Manufacturing CDMO Services market has emerged as a critical enabler of the rapidly growing gene therapy and advanced biologics sector, driven by the increasing demand for specialized production capabilities and accelerated time-to-market for innovative therapies. The market is characterized by high technological barriers, requiring expertise in viral vector design, process development, cGMP-compliant manufacturing, and quality assurance. Companies in this space are leveraging advanced bioprocessing technologies, automation, and artificial intelligence tools to improve yield, consistency, and scalability while maintaining regulatory compliance. Strategic partnerships between biotechnology firms and CDMOs are becoming increasingly common, allowing developers to outsource complex manufacturing tasks and focus on clinical development and commercialization. Overall,

the market is marked by intense competition among specialized service providers, rapid technological innovation, and growing adoption of viral vector-based therapies across diverse therapeutic areas, positioning CDMOs as indispensable partners in the biopharmaceutical value chain.

This report is a detailed and comprehensive analysis for global Viral Vector Manufacturing CDMO Services market. Both quantitative and qualitative analyses are presented by company, by region & country, by Type and by Application. As the market is constantly changing, this report explores the competition, supply and demand trends, as well as key factors that contribute to its changing demands across many markets. Company profiles and product examples of selected competitors, along with market share estimates of some of the selected leaders for the year 2025, are provided.

Key Features:

Global Viral Vector Manufacturing CDMO Services market size and forecasts, in consumption value (\$ Million), 2021-2032

Global Viral Vector Manufacturing CDMO Services market size and forecasts by region and country, in consumption value (\$ Million), 2021-2032

Global Viral Vector Manufacturing CDMO Services market size and forecasts, by Type and by Application, in consumption value (\$ Million), 2021-2032

Global Viral Vector Manufacturing CDMO Services market shares of main players, in revenue (\$ Million), 2021-2026

The Primary Objectives in This Report Are:

To determine the size of the total market opportunity of global and key countries

To assess the growth potential for Viral Vector Manufacturing CDMO Services

To forecast future growth in each product and end-use market

To assess competitive factors affecting the marketplace

This report profiles key players in the global Viral Vector Manufacturing CDMO Services

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 Scientific, Lonza, Catalent, Charles River, Merck, SK pharmteco, Oxford Biomedica, AGC Biologics, MolMed, Gene Universal, Polyplus (Sartorius), etc.

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

Market segmentation

Viral Vector Manufacturing CDMO Services market is split by Type and by Application. For the period 2021-2032, the growth among segments provides accurate calculations and forecasts for Consumption Value by Type and by Application. This analysis can help you expand your business by targeting qualified niche markets.

Market segment by Type

Adeno-associated Virus

Lentivirus

Adenovirus

HSV

Others

Market segment by Development Scope

Clinical stage CDMOs

Commercial stage CDMOs

End to end lifecycle CDMOs

Market segment by Manufacturing Technology

Adherent Cell Based

Suspension Based

Market segment by Application

Vaccine Development

Gene Therapy

Academic Scientific Research Institution

Others

Market segment by players, this report covers

Thermo Fisher Scientific

Lonza

Catalent

Charles River

Merck

SK pharmteco

Oxford Biomedica

AGC Biologics?MolMed?

Gene Universal

Polyplus (Sartorius)

CCRM

FUJIFILM Diosynth Biotechnologies

Biovian

Miltenyi Bioindustry

Aldevron

Takara Bio

Yposkesi

Genezen

Exthera

Flash Therapeutics

VIVEBiotech

FinVector

uBriGene

Eurogentec

VGXI

GenScript ProBio

EurekaBio

Obio Technology

GeneSail Biotech

VectorBuilder

WuXi ATU

Ubrigene

Porton Biologics

Pharmaron

PackGene Biotechnology

Hillgene

Asymchem

Market segment by regions, regional analysis covers

North America (United States, Canada and Mexico)

Europe (Germany, France, UK, Russia, Italy and Rest of Europe)

Asia-Pacific (China, Japan, South Korea, India, Southeast Asia and Rest of Asia-Pacific)

South America (Brazil, Rest of South America)

Middle East & Africa (Turkey, Saudi Arabia, UAE, Rest of Middle East & Africa)

The content of the study subjects, includes a total of 13 chapters:

Chapter 1, to describe Viral Vector Manufacturing CDMO Services product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top players of Viral Vector Manufacturing CDMO Services, with revenue, gross margin, and global market share of Viral Vector Manufacturing CDMO Services from 2021 to 2026.

Chapter 3, the Viral Vector Manufacturing CDMO Services competitive situation, revenue, and global market share of top players are analyzed emphatically by landscape contrast.

Chapter 4 and 5, to segment the market size by Type and by Application, with consumption value and growth rate by Type, by Application, from 2021 to 2032.

Chapter 6, 7, 8, 9, and 10, to break the market size data at the country level, with revenue and market share for key countries in the world, from 2021 to 2026. and Viral Vector Manufacturing CDMO Services market forecast, by regions, by Type and by Application, with consumption value, from 2027 to 2032.

Chapter 11, market dynamics, drivers, restraints, trends, Porters Five Forces analysis.

Chapter 12, the key raw materials and key suppliers, and industry chain of Viral Vector Manufacturing CDMO Services.

Chapter 13, to describe Viral Vector Manufacturing CDMO Services research findings and conclusion.

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