

Global Cellular and Gene Therapy CDMO Supply, Demand and Key Producers, 2026-2032

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Abstracts

The global Cellular and Gene Therapy CDMO market size is expected to reach \$ 6608 million by 2032, rising at a market growth of 6.7% CAGR during the forecast period (2026-2032).

A Cellular and Gene Therapy CDMO is an organization that provides professional and customized R&D and manufacturing outsourcing services for the research and commercialization of cell and gene therapy drugs. The core of this service lies in covering the entire chain of process development and GMP production, from plasmids and viral vectors to cell drugs (CAR-T, stem cells, etc.). Its core value lies in helping innovative CGT (cell, gene, and drug development) companies overcome industrialization bottlenecks such as complex processes, high production costs, and stringent regulatory oversight, accelerating the process from preclinical research to IND (Investigational New Drug) application and commercialization. Services include process development (upstream cell culture and transfection, downstream purification), analytical method development, GMP-level production, stability studies, and application document preparation, making it an indispensable key support force in modern CGT drug development.

The global Cellular and Gene Therapy CDMO market is experiencing rapid growth driven by the explosion of CGT drug pipelines and surging demand for industrialization. North America and Europe, as mature markets, leverage their leading viral vector technologies, robust regulatory frameworks, and extensive R&D pipelines to hold leading positions in AAV suspension processes, lentiviral GMP production, and plasmid CDMOs. The Asia-Pacific region has become the fastest-growing sector with the most rapid capacity expansion, and local CDMOs are quickly entering the global competitive arena. The industry as a whole is accelerating its evolution towards suspension process

scale-up, gene editing integration, and automated closed-loop production.

This report studies the global Cellular and Gene Therapy CDMO demand, key companies, and key regions.

This report is a detailed and comprehensive analysis of the world market for Cellular and Gene Therapy CDMO, 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 Cellular and Gene Therapy CDMO that contribute to its increasing demand across many markets.

Highlights and key features of the study

Global Cellular and Gene Therapy CDMO total market, 2021-2032, (USD Million)

Global Cellular and Gene Therapy CDMO total market by region & country, CAGR, 2021-2032, (USD Million)

U.S. VS China: Cellular and Gene Therapy CDMO total market, key domestic companies, and share, (USD Million)

Global Cellular and Gene Therapy CDMO revenue by player, revenue and market share 2021-2026, (USD Million)

Global Cellular and Gene Therapy CDMO total market by Type, CAGR, 2021-2032, (USD Million)

Global Cellular and Gene Therapy CDMO total market by Application, CAGR, 2021-2032, (USD Million)

This report profiles major players in the global Cellular and Gene Therapy CDMO 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 Lonza, Charles River Laboratories, Cytiva, Catalent Biologics, FUJIFILM Diosynth Biotechnologies, Made Scientific, RoslinCT, Thermo Scientific, Andelyn Biosciences, WuXi AppTec, 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 Cellular and Gene Therapy CDMO market

Detailed Segmentation:

Each section contains quantitative market data including market by value (US\$ Millions), by player, by regions, by 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 Cellular and Gene Therapy CDMO Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

Global Cellular and Gene Therapy CDMO Market, Segmentation by Type:

Cell Therapy

Viral Vectors

Plasmid

Global Cellular and Gene Therapy CDMO Market, Segmentation by Scale:

R&D-Grade CDMO

Clinical-Grade CDMO

Commercial-Scale CDMO

Global Cellular and Gene Therapy CDMO Market, Segmentation by Technology:

Plasmid DNA CDMO

Viral Vector CDMO

Cell Therapy CDMO

mRNA Drug CDMO

Gene Editing Drug CDMO

Others

Global Cellular and Gene Therapy CDMO Market, Segmentation by Application:

Commercial

Academic Research

Others

Companies Profiled:

Lonza

Charles River Laboratories

Cytiva

Catalent Biologics

FUJIFILM Diosynth Biotechnologies

Made Scientific

RoslinCT

Thermo Scientific

Andelyn Biosciences

WuXi AppTec

AGC Biologics

Pfizer CentreOne

Almac Group

Samsung Biologics

Ajinomoto Bio-Pharma Services

Pharmaron

OBiO

Helixmith

Key Questions Answered

1. How big is the global Cellular and Gene Therapy CDMO market?
2. What is the demand of the global Cellular and Gene Therapy CDMO market?
3. What is the year over year growth of the global Cellular and Gene Therapy CDMO market?
4. What is the total value of the global Cellular and Gene Therapy CDMO market?

5. Who are the Major Players in the global Cellular and Gene Therapy CDMO market?
6. What are the growth factors driving the market demand?

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