

US AAV Contract Development and Manufacturing Organizations Market Size study, by Workflow (Upstream Processing, Downstream Processing), by Culture Type, by Application (Cell & Gene Therapy Development, Vaccine Development, Biopharmaceutical & Pharmaceutical Discovery, Biomedical Research), by End-User Forecasts 2022-2032

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Abstracts

US AAV Contract Development and Manufacturing Organizations Market is valued at approximately USD 201.14 million in 2023 and is anticipated to grow with a healthy growth rate of more than 4.85% over the forecast period 2024-2032. The US Market for AAV Contract Development and Manufacturing Organizations (CDMOs) specialises in creating Adeno-Associated Virus (AAV) vectors and offering necessary services for gene therapy and biopharmaceutical development. The increasing demand for efficient AAV vector manufacturing is driven by the growing interest in gene therapies targeted at uncommon illnesses and genetic conditions. Advancements in biotechnology and gene editing techniques have expanded the scope of gene therapy, leading to a greater demand for CDMOs that specialize in AAV expertise. Collaborations between pharmaceutical companies and CDMOs are impacting market trends through enhancements in manufacturing procedures and guaranteeing compliance with regulations. The US AAV Contract Development and Manufacturing Organizations Market is poised for substantial expansion due to the healthcare industry embracing gene therapies, which will drive innovation and form strategic partnerships in this specific field.

The growth of the US AAV Contract Development and Manufacturing Organizations Market is fueled by the rising request for personalised gene therapies adjusted to the genetic profiles and medical requirements of each patient. This indicates a change towards precise medical care and specific therapies, leading to a demand for specialized AAV vectors and services offered by AAV CDMOs. However, constraints in the market are present due to regulatory obstacles, especially about safety and efficacy requirements for gene therapy items. These rules necessitate thorough testing and adherence steps that add to the intricacy and time needed for the development and production processes. Even with these difficulties, the US AAV Contract Development and Manufacturing Organizations Market is still experiencing growth and innovation due to continual improvements in gene editing technologies and biopharmaceutical research.

Major market player included in this report are:

Thermo Fischer Scientific, Inc.

Creative Biogene Inc

Catalent Inc.

Charles River Laboratories International, Inc.

Danaher Corporation

Forge Biologics

Genezen Laboratories, Inc.

Virocell Biologics, Ltd.

Pfizer Inc.

Sarepta Therapeutics, Inc.

The detailed segments and sub-segment of the market are explained below:

By Workflow

Upstream Processing

Downstream Processing

By Culture Type

Adherent Culture

Suspension Culture

By Application

Cell & Gene Therapy Development

Vaccine Development

Biopharmaceutical & Pharmaceutical Discovery
Biomedical Research

By End-User
Pharmaceutical & Biopharmaceutical Companies
Academic & Research Institutes

Years considered for the study are as follows:

Historical year – 2022

Base year – 2023

Forecast period – 2024 to 2032

Key Takeaways:

Market Estimates & Forecast for 10 years from 2022 to 2032.

Annualized revenues and Country level analysis for each market segment.

Detailed analysis of geographical landscape with Country level analysis of major regions.

Competitive landscape with information on major players in the market.

Analysis of key business strategies and recommendations on future market approach.

Analysis of competitive structure of the market.

Demand side and supply side analysis of the market.

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