

Asia Pacific 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 and Country Forecasts 2022-2032

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Abstracts

Asia Pacific AAV Contract Development and Manufacturing Organizations Market is valued at approximately USD 130.41 million in 2023 and is anticipated to grow with a healthy growth rate of more than 6.42 % over the forecast period 2024-2032. The AAV Contract Development and Manufacturing Organizations (CDMOs) in the Asia Pacific Market specialise in producing AAV vectors and offering related services crucial for gene therapy and biopharmaceutical development. The increasing demand for efficient AAV vector manufacturing is driven by the growing trend of gene therapies targeting rare illnesses and genetic conditions. Advances in biotechnology and gene editing techniques have expanded the scope of gene therapy, leading to a higher demand for specialized CDMOs that possess expertise in AAV. Collaborations between pharmaceutical companies and CDMOs are impacting market trends through enhancing manufacturing methods and guaranteeing compliance with regulations. The Asia Pacific AAV CDMOs Market is poised for substantial expansion due to the healthcare industry's embrace of gene therapies, which are driving innovation and fostering strategic partnerships within this niche market.

The growth of the Asia Pacific AAV Contract Development and Manufacturing

Organizations Market is mainly fueled by the rising need for customized gene therapies that match each patient's genetic characteristics and medical requirements. This indicates a move toward personalized medicine and specific therapies, increasing the demand for customized AAV vectors and solutions offered by AAV CDMOs. However, the market is hindered by regulatory obstacles, specifically regarding safety and effectiveness requirements for gene therapy goods. These rules necessitate thorough testing and adherence measures that add to the intricacy and time needed for developing and manufacturing processes. However, advancements in gene editing technologies and biopharmaceutical research persist in driving growth and innovation in the Asia Pacific AAV Contract Development and Manufacturing Organizations Market, despite facing challenges.

The key Countries considered for the Asia Pacific AAV Contract Development and Manufacturing Organizations market study includes China, India, Japan, South Korea, Australia and Rest of Asia Pacific. The Asia Pacific AAV Contract Development and Manufacturing Organizations (CDMO) Market is undergoing significant growth with China emerging as the dominating region. This dominance is driven by China's robust biotechnology sector increasing investment in healthcare infrastructure and favourable government policies supporting pharmaceutical research and development. The region benefits from a large pool of skilled workforce and lower production costs compared to other countries making it an attractive destination for AAV CDMOs which results in major players in the AAV CDMO market expanding their operations and collaborations in China to capitalize on these opportunities and meet the growing demand for gene therapies and biopharmaceuticals. The market in India, on the other hand, is expected to develop at the fastest rate over the forecast period.

Major market player included in this report are:

Samsung Biologics

WuXi AppTec

CMAB Biopharma Inc.

Biocon Biologics Limited

Fujifilm Diosynth Biotechnologies

Lonza Group AG

Innovent Biologics, Inc.

I-MAB Biopharma Co., Ltd.

Biogenes Technologies

Shasun Pharmaceuticals Limited

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

By Region:

Asia Pacific

China

India

Japan

Australia

South Korea

RoAPAC

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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