

# **Europe 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**

Europe AAV Contract Development and Manufacturing Organizations Market is valued at approximately USD 167.67 million in 2023 and is anticipated to grow with a healthy growth rate of more than 4.41 % over the forecast period 2024-2032. The Europe AAV Contract Development and Manufacturing Market specialises in the production of AAV vectors and offers necessary services 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 diseases and genetic disorders. Advancements in biotechnology and gene editing techniques have expanded the scope of gene therapy, leading to a greater demand for CDMOs specialising in AAV technology. Collaboration between pharmaceutical companies and CDMOs is impacting market dynamics by enhancing manufacturing processes and guaranteeing compliance with regulations. The Europe AAV Contract Development and Manufacturing Market is poised for substantial growth due to the healthcare industry's embrace of gene therapies, which are driving innovation and strategic partnerships in this niche field.

The Europe AAV Contract Development and Manufacturing Organizations Market is mainly fueled by the rising need for personalised gene therapies customized to the

genetic profiles and medical requirements of individual patients. This indicates a move towards precision healthcare and tailored therapies, increasing the demand for customized AAV vectors and services offered by AAV Contract Development and Manufacturing Organizations. However, the market is constrained by regulatory challenges, especially those related to safety and efficacy standards for gene therapy products. These rules necessitate thorough testing and adherence steps that add to the intricacy and time needed for the development and manufacturing procedures. Although facing these difficulties, progress in gene editing technologies and biopharmaceutical research remains a driving force for growth and innovation.

The key countries considered for the Europe AAV Contract Development and Manufacturing Organizations market study includes UK, Germany, France, Italy, Spain, and Rest of Europe. The Europe AAV Contract Development and Manufacturing Organizations (CDMO) Market is dominated by Germany. Germany stands out due to its advanced pharmaceutical and biotechnology sectors strong regulatory frameworks promoting innovation and a well-established healthcare infrastructure. The presence of leading pharmaceutical companies and research institutions further boosts Germany's dominance in the AAV CDMO Market within Europe. Strategic collaborations between industry players and academic institutions contribute to the region's growth and technological advancements in gene therapies and biopharmaceuticals. This dominance is further supported by favourable government policies encouraging investments in healthcare and biotech sectors making Germany a key player in the Europe AAV CDMO Market. The market in the UK, on the other hand, is expected to develop at the fastest rate over the forecast period.

Major market player included in this report are:

Lonza Group AG

Boehringer Ingelheim International GmbH.

Thermo Fisher Scientific Inc.

Merck KGaA

Fujifilm Diosynth Biotechnologies

Catalent, Inc.

FAREVA SA

WuXi Biologics

Recipharm AB

BioNTech SE

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 &amp; Gene Therapy Development

Vaccine Development

Biopharmaceutical &amp; Pharmaceutical Discovery

Biomedical Research

**By End-User**

Pharmaceutical &amp; Biopharmaceutical Companies

Academic &amp; Research Institutes

**By Region:**

Europe

UK

Germany

France

Spain

Italy

ROE

**Years considered for the study are as follows:**

Historical year – 2022

Base year – 2023

Forecast period – 2024 to 2032

**Key Takeaways:**

Market Estimates &amp; 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.

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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