

Global AAV Manufacturing Service Market 2023 by Company, Regions, Type and Application, Forecast to 2029

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Abstracts

According to our (Global Info Research) latest study, the global AAV Manufacturing Service market size was valued at USD million in 2022 and is forecast to a readjusted size of USD million by 2029 with a CAGR of % during review period.

AAV (Adeno-Associated Virus) Manufacturing Service refers to a service provided by biotechnology companies in the field of gene therapy and vaccine development, providing customers with comprehensive technical support from AAV vector construction, production to purification. By using AAV vector CDMO services, customers can focus on the core scientific issues of gene therapy and vaccine development, while handing over the production and quality control of AAV vectors to professional service providers, thereby accelerating product research and development. and listing process.

Adeno-associated virus (AAV) belongs to the family Parvoviridae, and its genome is approximately 4.8 kb of single-stranded DNA, non-enveloped. Only with the help of helper viruses such as adenovirus or herpesvirus, the host can produce infectious AAV (adeno-associated virus).

The recombinant adeno-associated virus vector (rAAV) used in the research field is a gene vector modified from non-pathogenic wild-type AAV. There are multiple serotypes of AAV. The main difference between AAV vectors of different serotypes is the capsid protein. The protein structures of different capsid proteins bind to different extracellular receptor molecules, so different serotypes have different targeting affinities to tissues or organs. Generally speaking, AAV has 12 serotypes and more than 100 variants. Due to its high safety, low immunogenicity, and long expression cycle, AAV is known as the most suitable tool for studying gene function in vivo.



The Global Info Research report includes an overview of the development of the AAV Manufacturing Service industry chain, the market status of Vaccine Development (Adherent Culture, Suspension Culture), Gene Therapy (Adherent Culture, Suspension Culture), and key enterprises in developed and developing market, and analysed the cutting-edge technology, patent, hot applications and market trends of AAV Manufacturing Service.

Regionally, the report analyzes the AAV Manufacturing Service markets in key regions. North America and Europe are experiencing steady growth, driven by government initiatives and increasing consumer awareness. Asia-Pacific, particularly China, leads the global AAV Manufacturing Service market, with robust domestic demand, supportive policies, and a strong manufacturing base.

Key Features:

The report presents comprehensive understanding of the AAV Manufacturing Service market. It provides a holistic view of the industry, as well as detailed insights into individual components and stakeholders. The report analysis market dynamics, trends, challenges, and opportunities within the AAV Manufacturing Service industry.

The report involves analyzing the market at a macro level:

Market Sizing and Segmentation: Report collect data on the overall market size, including the revenue generated, and market share of different by Type (e.g., Adherent Culture, Suspension Culture).

Industry Analysis: Report analyse the broader industry trends, such as government policies and regulations, technological advancements, consumer preferences, and market dynamics. This analysis helps in understanding the key drivers and challenges influencing the AAV Manufacturing Service market.

Regional Analysis: The report involves examining the AAV Manufacturing Service market at a regional or national level. Report analyses regional factors such as government incentives, infrastructure development, economic conditions, and consumer behaviour to identify variations and opportunities within different markets.

Market Projections: Report covers the gathered data and analysis to make future projections and forecasts for the AAV Manufacturing Service market. This may include



estimating market growth rates, predicting market demand, and identifying emerging trends.

The report also involves a more granular approach to AAV Manufacturing Service:

Company Analysis: Report covers individual AAV Manufacturing Service players, suppliers, and other relevant industry players. This analysis includes studying their financial performance, market positioning, product portfolios, partnerships, and strategies.

Consumer Analysis: Report covers data on consumer behaviour, preferences, and attitudes towards AAV Manufacturing Service This may involve surveys, interviews, and analysis of consumer reviews and feedback from different by Application (Vaccine Development, Gene Therapy).

Technology Analysis: Report covers specific technologies relevant to AAV Manufacturing Service. It assesses the current state, advancements, and potential future developments in AAV Manufacturing Service areas.

Competitive Landscape: By analyzing individual companies, suppliers, and consumers, the report present insights into the competitive landscape of the AAV Manufacturing Service market. This analysis helps understand market share, competitive advantages, and potential areas for differentiation among industry players.

Market Validation: The report involves validating findings and projections through primary research, such as surveys, interviews, and focus groups.

Market Segmentation

AAV Manufacturing Service market is split by Type and by Application. For the period 2018-2029, the growth among segments provides accurate calculations and forecasts for consumption value by Type, and by Application in terms of value.

Market segment by Type

Adherent Culture

Suspension Culture



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
GenScript ProBio
EurekaBio
Obio Technology
GeneSail Biotech
VectorBuilder
WuXi ATU
Ubrigene
Porton Biologics
Pharmaron
PackGene Biotechnology
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, Australia and Rest of Asia-Pacific)

South America (Brazil, Argentina and 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 AAV Manufacturing Service product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top players of AAV Manufacturing Service, with revenue, gross margin and global market share of AAV Manufacturing Service from 2018 to 2023.

Chapter 3, the AAV Manufacturing Service 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 application, with consumption value and growth rate by Type, application, from 2018 to 2029.

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 2018 to 2023.and AAV Manufacturing Service market forecast, by regions, type and application, with consumption value, from 2024 to 2029.

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

Chapter 12, the key raw materials and key suppliers, and industry chain of AAV Manufacturing Service.

Chapter 13, to describe AAV Manufacturing Service research findings and conclusion.



Contents

1 MARKET OVERVIEW

- 1.1 Product Overview and Scope of AAV Manufacturing Service
- 1.2 Market Estimation Caveats and Base Year
- 1.3 Classification of AAV Manufacturing Service by Type
- 1.3.1 Overview: Global AAV Manufacturing Service Market Size by Type: 2018 Versus 2022 Versus 2029
- 1.3.2 Global AAV Manufacturing Service Consumption Value Market Share by Type in 2022
 - 1.3.3 Adherent Culture
 - 1.3.4 Suspension Culture
- 1.4 Global AAV Manufacturing Service Market by Application
- 1.4.1 Overview: Global AAV Manufacturing Service Market Size by Application: 2018 Versus 2022 Versus 2029
 - 1.4.2 Vaccine Development
 - 1.4.3 Gene Therapy
 - 1.4.4 Academic Scientific Research Institution
 - 1.4.5 Others
- 1.5 Global AAV Manufacturing Service Market Size & Forecast
- 1.6 Global AAV Manufacturing Service Market Size and Forecast by Region
- 1.6.1 Global AAV Manufacturing Service Market Size by Region: 2018 VS 2022 VS 2029
 - 1.6.2 Global AAV Manufacturing Service Market Size by Region, (2018-2029)
- 1.6.3 North America AAV Manufacturing Service Market Size and Prospect (2018-2029)
 - 1.6.4 Europe AAV Manufacturing Service Market Size and Prospect (2018-2029)
 - 1.6.5 Asia-Pacific AAV Manufacturing Service Market Size and Prospect (2018-2029)
- 1.6.6 South America AAV Manufacturing Service Market Size and Prospect (2018-2029)
- 1.6.7 Middle East and Africa AAV Manufacturing Service Market Size and Prospect (2018-2029)

2 COMPANY PROFILES

- 2.1 Thermo Fisher Scientific
 - 2.1.1 Thermo Fisher Scientific Details
 - 2.1.2 Thermo Fisher Scientific Major Business



- 2.1.3 Thermo Fisher Scientific AAV Manufacturing Service Product and Solutions
- 2.1.4 Thermo Fisher Scientific AAV Manufacturing Service Revenue, Gross Margin and Market Share (2018-2023)
- 2.1.5 Thermo Fisher Scientific Recent Developments and Future Plans
- 2.2 Lonza
 - 2.2.1 Lonza Details
 - 2.2.2 Lonza Major Business
 - 2.2.3 Lonza AAV Manufacturing Service Product and Solutions
- 2.2.4 Lonza AAV Manufacturing Service Revenue, Gross Margin and Market Share (2018-2023)
- 2.2.5 Lonza Recent Developments and Future Plans
- 2.3 Catalent
 - 2.3.1 Catalent Details
 - 2.3.2 Catalent Major Business
 - 2.3.3 Catalent AAV Manufacturing Service Product and Solutions
- 2.3.4 Catalent AAV Manufacturing Service Revenue, Gross Margin and Market Share (2018-2023)
- 2.3.5 Catalent Recent Developments and Future Plans
- 2.4 Charles River
 - 2.4.1 Charles River Details
 - 2.4.2 Charles River Major Business
 - 2.4.3 Charles River AAV Manufacturing Service Product and Solutions
- 2.4.4 Charles River AAV Manufacturing Service Revenue, Gross Margin and Market Share (2018-2023)
- 2.4.5 Charles River Recent Developments and Future Plans
- 2.5 Merck
 - 2.5.1 Merck Details
 - 2.5.2 Merck Major Business
 - 2.5.3 Merck AAV Manufacturing Service Product and Solutions
- 2.5.4 Merck AAV Manufacturing Service Revenue, Gross Margin and Market Share (2018-2023)
 - 2.5.5 Merck Recent Developments and Future Plans
- 2.6 SK pharmteco
 - 2.6.1 SK pharmteco Details
 - 2.6.2 SK pharmteco Major Business
 - 2.6.3 SK pharmteco AAV Manufacturing Service Product and Solutions
- 2.6.4 SK pharmteco AAV Manufacturing Service Revenue, Gross Margin and Market Share (2018-2023)
- 2.6.5 SK pharmteco Recent Developments and Future Plans



- 2.7 Oxford Biomedica
 - 2.7.1 Oxford Biomedica Details
 - 2.7.2 Oxford Biomedica Major Business
 - 2.7.3 Oxford Biomedica AAV Manufacturing Service Product and Solutions
- 2.7.4 Oxford Biomedica AAV Manufacturing Service Revenue, Gross Margin and Market Share (2018-2023)
- 2.7.5 Oxford Biomedica Recent Developments and Future Plans
- 2.8 AGC Biologics?MolMed?
 - 2.8.1 AGC Biologics? MolMed? Details
 - 2.8.2 AGC Biologics?MolMed? Major Business
 - 2.8.3 AGC Biologics? MolMed? AAV Manufacturing Service Product and Solutions
- 2.8.4 AGC Biologics?MolMed? AAV Manufacturing Service Revenue, Gross Margin and Market Share (2018-2023)
 - 2.8.5 AGC Biologics? MolMed? Recent Developments and Future Plans
- 2.9 Gene Universal
 - 2.9.1 Gene Universal Details
 - 2.9.2 Gene Universal Major Business
 - 2.9.3 Gene Universal AAV Manufacturing Service Product and Solutions
- 2.9.4 Gene Universal AAV Manufacturing Service Revenue, Gross Margin and Market Share (2018-2023)
 - 2.9.5 Gene Universal Recent Developments and Future Plans
- 2.10 Polyplus (Sartorius)
 - 2.10.1 Polyplus (Sartorius) Details
 - 2.10.2 Polyplus (Sartorius) Major Business
 - 2.10.3 Polyplus (Sartorius) AAV Manufacturing Service Product and Solutions
- 2.10.4 Polyplus (Sartorius) AAV Manufacturing Service Revenue, Gross Margin and Market Share (2018-2023)
 - 2.10.5 Polyplus (Sartorius) Recent Developments and Future Plans
- 2.11 CCRM
 - 2.11.1 CCRM Details
 - 2.11.2 CCRM Major Business
 - 2.11.3 CCRM AAV Manufacturing Service Product and Solutions
- 2.11.4 CCRM AAV Manufacturing Service Revenue, Gross Margin and Market Share (2018-2023)
- 2.11.5 CCRM Recent Developments and Future Plans
- 2.12 FUJIFILM Diosynth Biotechnologies
 - 2.12.1 FUJIFILM Diosynth Biotechnologies Details
 - 2.12.2 FUJIFILM Diosynth Biotechnologies Major Business
 - 2.12.3 FUJIFILM Diosynth Biotechnologies AAV Manufacturing Service Product and



Solutions

- 2.12.4 FUJIFILM Diosynth Biotechnologies AAV Manufacturing Service Revenue, Gross Margin and Market Share (2018-2023)
 - 2.12.5 FUJIFILM Diosynth Biotechnologies Recent Developments and Future Plans
- 2.13 Biovian
 - 2.13.1 Biovian Details
 - 2.13.2 Biovian Major Business
 - 2.13.3 Biovian AAV Manufacturing Service Product and Solutions
- 2.13.4 Biovian AAV Manufacturing Service Revenue, Gross Margin and Market Share (2018-2023)
- 2.13.5 Biovian Recent Developments and Future Plans
- 2.14 Miltenyi Bioindustry
 - 2.14.1 Miltenyi Bioindustry Details
 - 2.14.2 Miltenyi Bioindustry Major Business
 - 2.14.3 Miltenyi Bioindustry AAV Manufacturing Service Product and Solutions
- 2.14.4 Miltenyi Bioindustry AAV Manufacturing Service Revenue, Gross Margin and Market Share (2018-2023)
 - 2.14.5 Miltenyi Bioindustry Recent Developments and Future Plans
- 2.15 Aldevron
 - 2.15.1 Aldevron Details
 - 2.15.2 Aldevron Major Business
 - 2.15.3 Aldevron AAV Manufacturing Service Product and Solutions
- 2.15.4 Aldevron AAV Manufacturing Service Revenue, Gross Margin and Market Share (2018-2023)
- 2.15.5 Aldevron Recent Developments and Future Plans
- 2.16 Takara Bio
 - 2.16.1 Takara Bio Details
 - 2.16.2 Takara Bio Major Business
 - 2.16.3 Takara Bio AAV Manufacturing Service Product and Solutions
- 2.16.4 Takara Bio AAV Manufacturing Service Revenue, Gross Margin and Market Share (2018-2023)
 - 2.16.5 Takara Bio Recent Developments and Future Plans
- 2.17 Yposkesi
 - 2.17.1 Yposkesi Details
 - 2.17.2 Yposkesi Major Business
 - 2.17.3 Yposkesi AAV Manufacturing Service Product and Solutions
- 2.17.4 Yposkesi AAV Manufacturing Service Revenue, Gross Margin and Market Share (2018-2023)
 - 2.17.5 Yposkesi Recent Developments and Future Plans



- 2.18 Genezen
 - 2.18.1 Genezen Details
 - 2.18.2 Genezen Major Business
 - 2.18.3 Genezen AAV Manufacturing Service Product and Solutions
- 2.18.4 Genezen AAV Manufacturing Service Revenue, Gross Margin and Market Share (2018-2023)
 - 2.18.5 Genezen Recent Developments and Future Plans
- 2.19 Exthera
 - 2.19.1 Exthera Details
 - 2.19.2 Exthera Major Business
 - 2.19.3 Exthera AAV Manufacturing Service Product and Solutions
- 2.19.4 Exthera AAV Manufacturing Service Revenue, Gross Margin and Market Share (2018-2023)
 - 2.19.5 Exthera Recent Developments and Future Plans
- 2.20 GenScript ProBio
 - 2.20.1 GenScript ProBio Details
 - 2.20.2 GenScript ProBio Major Business
 - 2.20.3 GenScript ProBio AAV Manufacturing Service Product and Solutions
- 2.20.4 GenScript ProBio AAV Manufacturing Service Revenue, Gross Margin and Market Share (2018-2023)
- 2.20.5 GenScript ProBio Recent Developments and Future Plans
- 2.21 EurekaBio
 - 2.21.1 EurekaBio Details
 - 2.21.2 EurekaBio Major Business
 - 2.21.3 EurekaBio AAV Manufacturing Service Product and Solutions
- 2.21.4 EurekaBio AAV Manufacturing Service Revenue, Gross Margin and Market Share (2018-2023)
 - 2.21.5 EurekaBio Recent Developments and Future Plans
- 2.22 Obio Technology
 - 2.22.1 Obio Technology Details
 - 2.22.2 Obio Technology Major Business
 - 2.22.3 Obio Technology AAV Manufacturing Service Product and Solutions
- 2.22.4 Obio Technology AAV Manufacturing Service Revenue, Gross Margin and Market Share (2018-2023)
 - 2.22.5 Obio Technology Recent Developments and Future Plans
- 2.23 GeneSail Biotech
 - 2.23.1 GeneSail Biotech Details
 - 2.23.2 GeneSail Biotech Major Business
 - 2.23.3 GeneSail Biotech AAV Manufacturing Service Product and Solutions



- 2.23.4 GeneSail Biotech AAV Manufacturing Service Revenue, Gross Margin and Market Share (2018-2023)
- 2.23.5 GeneSail Biotech Recent Developments and Future Plans
- 2.24 VectorBuilder
 - 2.24.1 VectorBuilder Details
 - 2.24.2 VectorBuilder Major Business
 - 2.24.3 VectorBuilder AAV Manufacturing Service Product and Solutions
- 2.24.4 VectorBuilder AAV Manufacturing Service Revenue, Gross Margin and Market Share (2018-2023)
- 2.24.5 VectorBuilder Recent Developments and Future Plans
- 2.25 WuXi ATU
 - 2.25.1 WuXi ATU Details
 - 2.25.2 WuXi ATU Major Business
 - 2.25.3 WuXi ATU AAV Manufacturing Service Product and Solutions
- 2.25.4 WuXi ATU AAV Manufacturing Service Revenue, Gross Margin and Market Share (2018-2023)
 - 2.25.5 WuXi ATU Recent Developments and Future Plans
- 2.26 Ubrigene
 - 2.26.1 Ubrigene Details
 - 2.26.2 Ubrigene Major Business
 - 2.26.3 Ubrigene AAV Manufacturing Service Product and Solutions
- 2.26.4 Ubrigene AAV Manufacturing Service Revenue, Gross Margin and Market Share (2018-2023)
 - 2.26.5 Ubrigene Recent Developments and Future Plans
- 2.27 Porton Biologics
 - 2.27.1 Porton Biologics Details
 - 2.27.2 Porton Biologics Major Business
 - 2.27.3 Porton Biologics AAV Manufacturing Service Product and Solutions
- 2.27.4 Porton Biologics AAV Manufacturing Service Revenue, Gross Margin and Market Share (2018-2023)
 - 2.27.5 Porton Biologics Recent Developments and Future Plans
- 2.28 Pharmaron
 - 2.28.1 Pharmaron Details
 - 2.28.2 Pharmaron Major Business
- 2.28.3 Pharmaron AAV Manufacturing Service Product and Solutions
- 2.28.4 Pharmaron AAV Manufacturing Service Revenue, Gross Margin and Market Share (2018-2023)
 - 2.28.5 Pharmaron Recent Developments and Future Plans
- 2.29 PackGene Biotechnology



- 2.29.1 PackGene Biotechnology Details
- 2.29.2 PackGene Biotechnology Major Business
- 2.29.3 PackGene Biotechnology AAV Manufacturing Service Product and Solutions
- 2.29.4 PackGene Biotechnology AAV Manufacturing Service Revenue, Gross Margin and Market Share (2018-2023)
- 2.29.5 PackGene Biotechnology Recent Developments and Future Plans

3 MARKET COMPETITION, BY PLAYERS

- 3.1 Global AAV Manufacturing Service Revenue and Share by Players (2018-2023)
- 3.2 Market Share Analysis (2022)
 - 3.2.1 Market Share of AAV Manufacturing Service by Company Revenue
 - 3.2.2 Top 3 AAV Manufacturing Service Players Market Share in 2022
 - 3.2.3 Top 6 AAV Manufacturing Service Players Market Share in 2022
- 3.3 AAV Manufacturing Service Market: Overall Company Footprint Analysis
 - 3.3.1 AAV Manufacturing Service Market: Region Footprint
 - 3.3.2 AAV Manufacturing Service Market: Company Product Type Footprint
 - 3.3.3 AAV Manufacturing Service Market: Company Product Application Footprint
- 3.4 New Market Entrants and Barriers to Market Entry
- 3.5 Mergers, Acquisition, Agreements, and Collaborations

4 MARKET SIZE SEGMENT BY TYPE

- 4.1 Global AAV Manufacturing Service Consumption Value and Market Share by Type (2018-2023)
- 4.2 Global AAV Manufacturing Service Market Forecast by Type (2024-2029)

5 MARKET SIZE SEGMENT BY APPLICATION

- 5.1 Global AAV Manufacturing Service Consumption Value Market Share by Application (2018-2023)
- 5.2 Global AAV Manufacturing Service Market Forecast by Application (2024-2029)

6 NORTH AMERICA

- 6.1 North America AAV Manufacturing Service Consumption Value by Type (2018-2029)
- 6.2 North America AAV Manufacturing Service Consumption Value by Application (2018-2029)



- 6.3 North America AAV Manufacturing Service Market Size by Country
- 6.3.1 North America AAV Manufacturing Service Consumption Value by Country (2018-2029)
 - 6.3.2 United States AAV Manufacturing Service Market Size and Forecast (2018-2029)
- 6.3.3 Canada AAV Manufacturing Service Market Size and Forecast (2018-2029)
- 6.3.4 Mexico AAV Manufacturing Service Market Size and Forecast (2018-2029)

7 EUROPE

- 7.1 Europe AAV Manufacturing Service Consumption Value by Type (2018-2029)
- 7.2 Europe AAV Manufacturing Service Consumption Value by Application (2018-2029)
- 7.3 Europe AAV Manufacturing Service Market Size by Country
- 7.3.1 Europe AAV Manufacturing Service Consumption Value by Country (2018-2029)
- 7.3.2 Germany AAV Manufacturing Service Market Size and Forecast (2018-2029)
- 7.3.3 France AAV Manufacturing Service Market Size and Forecast (2018-2029)
- 7.3.4 United Kingdom AAV Manufacturing Service Market Size and Forecast (2018-2029)
 - 7.3.5 Russia AAV Manufacturing Service Market Size and Forecast (2018-2029)
 - 7.3.6 Italy AAV Manufacturing Service Market Size and Forecast (2018-2029)

8 ASIA-PACIFIC

- 8.1 Asia-Pacific AAV Manufacturing Service Consumption Value by Type (2018-2029)
- 8.2 Asia-Pacific AAV Manufacturing Service Consumption Value by Application (2018-2029)
- 8.3 Asia-Pacific AAV Manufacturing Service Market Size by Region
- 8.3.1 Asia-Pacific AAV Manufacturing Service Consumption Value by Region (2018-2029)
- 8.3.2 China AAV Manufacturing Service Market Size and Forecast (2018-2029)
- 8.3.3 Japan AAV Manufacturing Service Market Size and Forecast (2018-2029)
- 8.3.4 South Korea AAV Manufacturing Service Market Size and Forecast (2018-2029)
- 8.3.5 India AAV Manufacturing Service Market Size and Forecast (2018-2029)
- 8.3.6 Southeast Asia AAV Manufacturing Service Market Size and Forecast (2018-2029)
- 8.3.7 Australia AAV Manufacturing Service Market Size and Forecast (2018-2029)

9 SOUTH AMERICA

9.1 South America AAV Manufacturing Service Consumption Value by Type



(2018-2029)

- 9.2 South America AAV Manufacturing Service Consumption Value by Application (2018-2029)
- 9.3 South America AAV Manufacturing Service Market Size by Country
- 9.3.1 South America AAV Manufacturing Service Consumption Value by Country (2018-2029)
- 9.3.2 Brazil AAV Manufacturing Service Market Size and Forecast (2018-2029)
- 9.3.3 Argentina AAV Manufacturing Service Market Size and Forecast (2018-2029)

10 MIDDLE EAST & AFRICA

- 10.1 Middle East & Africa AAV Manufacturing Service Consumption Value by Type (2018-2029)
- 10.2 Middle East & Africa AAV Manufacturing Service Consumption Value by Application (2018-2029)
- 10.3 Middle East & Africa AAV Manufacturing Service Market Size by Country
- 10.3.1 Middle East & Africa AAV Manufacturing Service Consumption Value by Country (2018-2029)
 - 10.3.2 Turkey AAV Manufacturing Service Market Size and Forecast (2018-2029)
- 10.3.3 Saudi Arabia AAV Manufacturing Service Market Size and Forecast (2018-2029)
 - 10.3.4 UAE AAV Manufacturing Service Market Size and Forecast (2018-2029)

11 MARKET DYNAMICS

- 11.1 AAV Manufacturing Service Market Drivers
- 11.2 AAV Manufacturing Service Market Restraints
- 11.3 AAV Manufacturing Service Trends Analysis
- 11.4 Porters Five Forces Analysis
 - 11.4.1 Threat of New Entrants
 - 11.4.2 Bargaining Power of Suppliers
 - 11.4.3 Bargaining Power of Buyers
 - 11.4.4 Threat of Substitutes
- 11.4.5 Competitive Rivalry

12 INDUSTRY CHAIN ANALYSIS

- 12.1 AAV Manufacturing Service Industry Chain
- 12.2 AAV Manufacturing Service Upstream Analysis



- 12.3 AAV Manufacturing Service Midstream Analysis
- 12.4 AAV Manufacturing Service Downstream Analysis

13 RESEARCH FINDINGS AND CONCLUSION

14 APPENDIX

- 14.1 Methodology
- 14.2 Research Process and Data Source
- 14.3 Disclaimer



List Of Tables

LIST OF TABLES

- Table 1. Global AAV Manufacturing Service Consumption Value by Type, (USD Million), 2018 & 2022 & 2029
- Table 2. Global AAV Manufacturing Service Consumption Value by Application, (USD Million), 2018 & 2022 & 2029
- Table 3. Global AAV Manufacturing Service Consumption Value by Region (2018-2023) & (USD Million)
- Table 4. Global AAV Manufacturing Service Consumption Value by Region (2024-2029) & (USD Million)
- Table 5. Thermo Fisher Scientific Company Information, Head Office, and Major Competitors
- Table 6. Thermo Fisher Scientific Major Business
- Table 7. Thermo Fisher Scientific AAV Manufacturing Service Product and Solutions
- Table 8. Thermo Fisher Scientific AAV Manufacturing Service Revenue (USD Million), Gross Margin and Market Share (2018-2023)
- Table 9. Thermo Fisher Scientific Recent Developments and Future Plans
- Table 10. Lonza Company Information, Head Office, and Major Competitors
- Table 11. Lonza Major Business
- Table 12. Lonza AAV Manufacturing Service Product and Solutions
- Table 13. Lonza AAV Manufacturing Service Revenue (USD Million), Gross Margin and Market Share (2018-2023)
- Table 14. Lonza Recent Developments and Future Plans
- Table 15. Catalent Company Information, Head Office, and Major Competitors
- Table 16. Catalent Major Business
- Table 17. Catalent AAV Manufacturing Service Product and Solutions
- Table 18. Catalent AAV Manufacturing Service Revenue (USD Million), Gross Margin and Market Share (2018-2023)
- Table 19. Catalent Recent Developments and Future Plans
- Table 20. Charles River Company Information, Head Office, and Major Competitors
- Table 21. Charles River Major Business
- Table 22. Charles River AAV Manufacturing Service Product and Solutions
- Table 23. Charles River AAV Manufacturing Service Revenue (USD Million), Gross Margin and Market Share (2018-2023)
- Table 24. Charles River Recent Developments and Future Plans
- Table 25. Merck Company Information, Head Office, and Major Competitors
- Table 26. Merck Major Business



- Table 27. Merck AAV Manufacturing Service Product and Solutions
- Table 28. Merck AAV Manufacturing Service Revenue (USD Million), Gross Margin and Market Share (2018-2023)
- Table 29. Merck Recent Developments and Future Plans
- Table 30. SK pharmteco Company Information, Head Office, and Major Competitors
- Table 31. SK pharmteco Major Business
- Table 32. SK pharmteco AAV Manufacturing Service Product and Solutions
- Table 33. SK pharmteco AAV Manufacturing Service Revenue (USD Million), Gross Margin and Market Share (2018-2023)
- Table 34. SK pharmteco Recent Developments and Future Plans
- Table 35. Oxford Biomedica Company Information, Head Office, and Major Competitors
- Table 36. Oxford Biomedica Major Business
- Table 37. Oxford Biomedica AAV Manufacturing Service Product and Solutions
- Table 38. Oxford Biomedica AAV Manufacturing Service Revenue (USD Million), Gross Margin and Market Share (2018-2023)
- Table 39. Oxford Biomedica Recent Developments and Future Plans
- Table 40. AGC Biologics? MolMed? Company Information, Head Office, and Major Competitors
- Table 41. AGC Biologics? MolMed? Major Business
- Table 42. AGC Biologics? MolMed? AAV Manufacturing Service Product and Solutions
- Table 43. AGC Biologics? MolMed? AAV Manufacturing Service Revenue (USD Million), Gross Margin and Market Share (2018-2023)
- Table 44. AGC Biologics? MolMed? Recent Developments and Future Plans
- Table 45. Gene Universal Company Information, Head Office, and Major Competitors
- Table 46. Gene Universal Major Business
- Table 47. Gene Universal AAV Manufacturing Service Product and Solutions
- Table 48. Gene Universal AAV Manufacturing Service Revenue (USD Million), Gross Margin and Market Share (2018-2023)
- Table 49. Gene Universal Recent Developments and Future Plans
- Table 50. Polyplus (Sartorius) Company Information, Head Office, and Major Competitors
- Table 51. Polyplus (Sartorius) Major Business
- Table 52. Polyplus (Sartorius) AAV Manufacturing Service Product and Solutions
- Table 53. Polyplus (Sartorius) AAV Manufacturing Service Revenue (USD Million),
- Gross Margin and Market Share (2018-2023)
- Table 54. Polyplus (Sartorius) Recent Developments and Future Plans
- Table 55. CCRM Company Information, Head Office, and Major Competitors
- Table 56. CCRM Major Business
- Table 57. CCRM AAV Manufacturing Service Product and Solutions



- Table 58. CCRM AAV Manufacturing Service Revenue (USD Million), Gross Margin and Market Share (2018-2023)
- Table 59. CCRM Recent Developments and Future Plans
- Table 60. FUJIFILM Diosynth Biotechnologies Company Information, Head Office, and Major Competitors
- Table 61. FUJIFILM Diosynth Biotechnologies Major Business
- Table 62. FUJIFILM Diosynth Biotechnologies AAV Manufacturing Service Product and Solutions
- Table 63. FUJIFILM Diosynth Biotechnologies AAV Manufacturing Service Revenue (USD Million), Gross Margin and Market Share (2018-2023)
- Table 64. FUJIFILM Diosynth Biotechnologies Recent Developments and Future Plans
- Table 65. Biovian Company Information, Head Office, and Major Competitors
- Table 66. Biovian Major Business
- Table 67. Biovian AAV Manufacturing Service Product and Solutions
- Table 68. Biovian AAV Manufacturing Service Revenue (USD Million), Gross Margin and Market Share (2018-2023)
- Table 69. Biovian Recent Developments and Future Plans
- Table 70. Miltenyi Bioindustry Company Information, Head Office, and Major Competitors
- Table 71. Miltenyi Bioindustry Major Business
- Table 72. Miltenyi Bioindustry AAV Manufacturing Service Product and Solutions
- Table 73. Miltenyi Bioindustry AAV Manufacturing Service Revenue (USD Million),
- Gross Margin and Market Share (2018-2023)
- Table 74. Miltenyi Bioindustry Recent Developments and Future Plans
- Table 75. Aldevron Company Information, Head Office, and Major Competitors
- Table 76. Aldevron Major Business
- Table 77. Aldevron AAV Manufacturing Service Product and Solutions
- Table 78. Aldevron AAV Manufacturing Service Revenue (USD Million), Gross Margin and Market Share (2018-2023)
- Table 79. Aldevron Recent Developments and Future Plans
- Table 80. Takara Bio Company Information, Head Office, and Major Competitors
- Table 81. Takara Bio Major Business
- Table 82. Takara Bio AAV Manufacturing Service Product and Solutions
- Table 83. Takara Bio AAV Manufacturing Service Revenue (USD Million), Gross Margin and Market Share (2018-2023)
- Table 84. Takara Bio Recent Developments and Future Plans
- Table 85. Yposkesi Company Information, Head Office, and Major Competitors
- Table 86. Yposkesi Major Business
- Table 87. Yposkesi AAV Manufacturing Service Product and Solutions



- Table 88. Yposkesi AAV Manufacturing Service Revenue (USD Million), Gross Margin and Market Share (2018-2023)
- Table 89. Yposkesi Recent Developments and Future Plans
- Table 90. Genezen Company Information, Head Office, and Major Competitors
- Table 91. Genezen Major Business
- Table 92. Genezen AAV Manufacturing Service Product and Solutions
- Table 93. Genezen AAV Manufacturing Service Revenue (USD Million), Gross Margin and Market Share (2018-2023)
- Table 94. Genezen Recent Developments and Future Plans
- Table 95. Exthera Company Information, Head Office, and Major Competitors
- Table 96. Exthera Major Business
- Table 97. Exthera AAV Manufacturing Service Product and Solutions
- Table 98. Exthera AAV Manufacturing Service Revenue (USD Million), Gross Margin and Market Share (2018-2023)
- Table 99. Exthera Recent Developments and Future Plans
- Table 100. GenScript ProBio Company Information, Head Office, and Major Competitors
- Table 101. GenScript ProBio Major Business
- Table 102. GenScript ProBio AAV Manufacturing Service Product and Solutions
- Table 103. GenScript ProBio AAV Manufacturing Service Revenue (USD Million), Gross Margin and Market Share (2018-2023)
- Table 104. GenScript ProBio Recent Developments and Future Plans
- Table 105. EurekaBio Company Information, Head Office, and Major Competitors
- Table 106. EurekaBio Major Business
- Table 107. EurekaBio AAV Manufacturing Service Product and Solutions
- Table 108. EurekaBio AAV Manufacturing Service Revenue (USD Million), Gross Margin and Market Share (2018-2023)
- Table 109. EurekaBio Recent Developments and Future Plans
- Table 110. Obio Technology Company Information, Head Office, and Major Competitors
- Table 111. Obio Technology Major Business
- Table 112. Obio Technology AAV Manufacturing Service Product and Solutions
- Table 113. Obio Technology AAV Manufacturing Service Revenue (USD Million), Gross Margin and Market Share (2018-2023)
- Table 114. Obio Technology Recent Developments and Future Plans
- Table 115. GeneSail Biotech Company Information, Head Office, and Major Competitors
- Table 116. GeneSail Biotech Major Business
- Table 117. GeneSail Biotech AAV Manufacturing Service Product and Solutions
- Table 118. GeneSail Biotech AAV Manufacturing Service Revenue (USD Million), Gross



- Margin and Market Share (2018-2023)
- Table 119. GeneSail Biotech Recent Developments and Future Plans
- Table 120. VectorBuilder Company Information, Head Office, and Major Competitors
- Table 121. VectorBuilder Major Business
- Table 122. VectorBuilder AAV Manufacturing Service Product and Solutions
- Table 123. VectorBuilder AAV Manufacturing Service Revenue (USD Million), Gross
- Margin and Market Share (2018-2023)
- Table 124. VectorBuilder Recent Developments and Future Plans
- Table 125. WuXi ATU Company Information, Head Office, and Major Competitors
- Table 126. WuXi ATU Major Business
- Table 127. WuXi ATU AAV Manufacturing Service Product and Solutions
- Table 128. WuXi ATU AAV Manufacturing Service Revenue (USD Million), Gross
- Margin and Market Share (2018-2023)
- Table 129. WuXi ATU Recent Developments and Future Plans
- Table 130. Ubrigene Company Information, Head Office, and Major Competitors
- Table 131. Ubrigene Major Business
- Table 132. Ubrigene AAV Manufacturing Service Product and Solutions
- Table 133. Ubrigene AAV Manufacturing Service Revenue (USD Million), Gross Margin and Market Share (2018-2023)
- Table 134. Ubrigene Recent Developments and Future Plans
- Table 135. Porton Biologics Company Information, Head Office, and Major Competitors
- Table 136. Porton Biologics Major Business
- Table 137. Porton Biologics AAV Manufacturing Service Product and Solutions
- Table 138. Porton Biologics AAV Manufacturing Service Revenue (USD Million), Gross Margin and Market Share (2018-2023)
- Table 139. Porton Biologics Recent Developments and Future Plans
- Table 140. Pharmaron Company Information, Head Office, and Major Competitors
- Table 141. Pharmaron Major Business
- Table 142. Pharmaron AAV Manufacturing Service Product and Solutions
- Table 143. Pharmaron AAV Manufacturing Service Revenue (USD Million), Gross
- Margin and Market Share (2018-2023)
- Table 144. Pharmaron Recent Developments and Future Plans
- Table 145. PackGene Biotechnology Company Information, Head Office, and Major Competitors
- Table 146. PackGene Biotechnology Major Business
- Table 147. PackGene Biotechnology AAV Manufacturing Service Product and Solutions
- Table 148. PackGene Biotechnology AAV Manufacturing Service Revenue (USD
- Million), Gross Margin and Market Share (2018-2023)
- Table 149. PackGene Biotechnology Recent Developments and Future Plans



- Table 150. Global AAV Manufacturing Service Revenue (USD Million) by Players (2018-2023)
- Table 151. Global AAV Manufacturing Service Revenue Share by Players (2018-2023)
- Table 152. Breakdown of AAV Manufacturing Service by Company Type (Tier 1, Tier 2, and Tier 3)
- Table 153. Market Position of Players in AAV Manufacturing Service, (Tier 1, Tier 2, and Tier 3), Based on Revenue in 2022
- Table 154. Head Office of Key AAV Manufacturing Service Players
- Table 155. AAV Manufacturing Service Market: Company Product Type Footprint
- Table 156. AAV Manufacturing Service Market: Company Product Application Footprint
- Table 157. AAV Manufacturing Service New Market Entrants and Barriers to Market Entry
- Table 158. AAV Manufacturing Service Mergers, Acquisition, Agreements, and Collaborations
- Table 159. Global AAV Manufacturing Service Consumption Value (USD Million) by Type (2018-2023)
- Table 160. Global AAV Manufacturing Service Consumption Value Share by Type (2018-2023)
- Table 161. Global AAV Manufacturing Service Consumption Value Forecast by Type (2024-2029)
- Table 162. Global AAV Manufacturing Service Consumption Value by Application (2018-2023)
- Table 163. Global AAV Manufacturing Service Consumption Value Forecast by Application (2024-2029)
- Table 164. North America AAV Manufacturing Service Consumption Value by Type (2018-2023) & (USD Million)
- Table 165. North America AAV Manufacturing Service Consumption Value by Type (2024-2029) & (USD Million)
- Table 166. North America AAV Manufacturing Service Consumption Value by Application (2018-2023) & (USD Million)
- Table 167. North America AAV Manufacturing Service Consumption Value by Application (2024-2029) & (USD Million)
- Table 168. North America AAV Manufacturing Service Consumption Value by Country (2018-2023) & (USD Million)
- Table 169. North America AAV Manufacturing Service Consumption Value by Country (2024-2029) & (USD Million)
- Table 170. Europe AAV Manufacturing Service Consumption Value by Type (2018-2023) & (USD Million)
- Table 171. Europe AAV Manufacturing Service Consumption Value by Type



(2024-2029) & (USD Million)

Table 172. Europe AAV Manufacturing Service Consumption Value by Application (2018-2023) & (USD Million)

Table 173. Europe AAV Manufacturing Service Consumption Value by Application (2024-2029) & (USD Million)

Table 174. Europe AAV Manufacturing Service Consumption Value by Country (2018-2023) & (USD Million)

Table 175. Europe AAV Manufacturing Service Consumption Value by Country (2024-2029) & (USD Million)

Table 176. Asia-Pacific AAV Manufacturing Service Consumption Value by Type (2018-2023) & (USD Million)

Table 177. Asia-Pacific AAV Manufacturing Service Consumption Value by Type (2024-2029) & (USD Million)

Table 178. Asia-Pacific AAV Manufacturing Service Consumption Value by Application (2018-2023) & (USD Million)

Table 179. Asia-Pacific AAV Manufacturing Service Consumption Value by Application (2024-2029) & (USD Million)

Table 180. Asia-Pacific AAV Manufacturing Service Consumption Value by Region (2018-2023) & (USD Million)

Table 181. Asia-Pacific AAV Manufacturing Service Consumption Value by Region (2024-2029) & (USD Million)

Table 182. South America AAV Manufacturing Service Consumption Value by Type (2018-2023) & (USD Million)

Table 183. South America AAV Manufacturing Service Consumption Value by Type (2024-2029) & (USD Million)

Table 184. South America AAV Manufacturing Service Consumption Value by Application (2018-2023) & (USD Million)

Table 185. South America AAV Manufacturing Service Consumption Value by Application (2024-2029) & (USD Million)

Table 186. South America AAV Manufacturing Service Consumption Value by Country (2018-2023) & (USD Million)

Table 187. South America AAV Manufacturing Service Consumption Value by Country (2024-2029) & (USD Million)

Table 188. Middle East & Africa AAV Manufacturing Service Consumption Value by Type (2018-2023) & (USD Million)

Table 189. Middle East & Africa AAV Manufacturing Service Consumption Value by Type (2024-2029) & (USD Million)

Table 190. Middle East & Africa AAV Manufacturing Service Consumption Value by Application (2018-2023) & (USD Million)



Table 191. Middle East & Africa AAV Manufacturing Service Consumption Value by Application (2024-2029) & (USD Million)

Table 192. Middle East & Africa AAV Manufacturing Service Consumption Value by Country (2018-2023) & (USD Million)

Table 193. Middle East & Africa AAV Manufacturing Service Consumption Value by Country (2024-2029) & (USD Million)

Table 194. AAV Manufacturing Service Raw Material

Table 195. Key Suppliers of AAV Manufacturing Service Raw Materials

LIST OF FIGURE

S

Figure 1. AAV Manufacturing Service Picture

Figure 2. Global AAV Manufacturing Service Consumption Value by Type, (USD

Million), 2018 & 2022 & 2029

Figure 3. Global AAV Manufacturing Service Consumption Value Market Share by Type in 2022

Figure 4. Adherent Culture

Figure 5. Suspension Culture

Figure 6. Global AAV Manufacturing Service Consumption Value by Type, (USD Million), 2018 & 2022 & 2029

Figure 7. AAV Manufacturing Service Consumption Value Market Share by Application in 2022

Figure 8. Vaccine Development Picture

Figure 9. Gene Therapy Picture

Figure 10. Academic Scientific Research Institution Picture

Figure 11. Others Picture

Figure 12. Global AAV Manufacturing Service Consumption Value, (USD Million): 2018 & 2022 & 2029

Figure 13. Global AAV Manufacturing Service Consumption Value and Forecast (2018-2029) & (USD Million)

Figure 14. Global Market AAV Manufacturing Service Consumption Value (USD Million) Comparison by Region (2018 & 2022 & 2029)

Figure 15. Global AAV Manufacturing Service Consumption Value Market Share by Region (2018-2029)

Figure 16. Global AAV Manufacturing Service Consumption Value Market Share by Region in 2022

Figure 17. North America AAV Manufacturing Service Consumption Value (2018-2029) & (USD Million)

Figure 18. Europe AAV Manufacturing Service Consumption Value (2018-2029) & (USD



Million)

- Figure 19. Asia-Pacific AAV Manufacturing Service Consumption Value (2018-2029) & (USD Million)
- Figure 20. South America AAV Manufacturing Service Consumption Value (2018-2029) & (USD Million)
- Figure 21. Middle East and Africa AAV Manufacturing Service Consumption Value (2018-2029) & (USD Million)
- Figure 22. Global AAV Manufacturing Service Revenue Share by Players in 2022
- Figure 23. AAV Manufacturing Service Market Share by Company Type (Tier 1, Tier 2 and Tier 3) in 2022
- Figure 24. Global Top 3 Players AAV Manufacturing Service Market Share in 2022
- Figure 25. Global Top 6 Players AAV Manufacturing Service Market Share in 2022
- Figure 26. Global AAV Manufacturing Service Consumption Value Share by Type (2018-2023)
- Figure 27. Global AAV Manufacturing Service Market Share Forecast by Type (2024-2029)
- Figure 28. Global AAV Manufacturing Service Consumption Value Share by Application (2018-2023)
- Figure 29. Global AAV Manufacturing Service Market Share Forecast by Application (2024-2029)
- Figure 30. North America AAV Manufacturing Service Consumption Value Market Share by Type (2018-2029)
- Figure 31. North America AAV Manufacturing Service Consumption Value Market Share by Application (2018-2029)
- Figure 32. North America AAV Manufacturing Service Consumption Value Market Share by Country (2018-2029)
- Figure 33. United States AAV Manufacturing Service Consumption Value (2018-2029) & (USD Million)
- Figure 34. Canada AAV Manufacturing Service Consumption Value (2018-2029) & (USD Million)
- Figure 35. Mexico AAV Manufacturing Service Consumption Value (2018-2029) & (USD Million)
- Figure 36. Europe AAV Manufacturing Service Consumption Value Market Share by Type (2018-2029)
- Figure 37. Europe AAV Manufacturing Service Consumption Value Market Share by Application (2018-2029)
- Figure 38. Europe AAV Manufacturing Service Consumption Value Market Share by Country (2018-2029)
- Figure 39. Germany AAV Manufacturing Service Consumption Value (2018-2029) &



(USD Million)

Figure 40. France AAV Manufacturing Service Consumption Value (2018-2029) & (USD Million)

Figure 41. United Kingdom AAV Manufacturing Service Consumption Value (2018-2029) & (USD Million)

Figure 42. Russia AAV Manufacturing Service Consumption Value (2018-2029) & (USD Million)

Figure 43. Italy AAV Manufacturing Service Consumption Value (2018-2029) & (USD Million)

Figure 44. Asia-Pacific AAV Manufacturing Service Consumption Value Market Share by Type (2018-2029)

Figure 45. Asia-Pacific AAV Manufacturing Service Consumption Value Market Share by Application (2018-2029)

Figure 46. Asia-Pacific AAV Manufacturing Service Consumption Value Market Share by Region (2018-2029)

Figure 47. China AAV Manufacturing Service Consumption Value (2018-2029) & (USD Million)

Figure 48. Japan AAV Manufacturing Service Consumption Value (2018-2029) & (USD Million)

Figure 49. South Korea AAV Manufacturing Service Consumption Value (2018-2029) & (USD Million)

Figure 50. India AAV Manufacturing Service Consumption Value (2018-2029) & (USD Million)

Figure 51. Southeast Asia AAV Manufacturing Service Consumption Value (2018-2029) & (USD Million)

Figure 52. Australia AAV Manufacturing Service Consumption Value (2018-2029) & (USD Million)

Figure 53. South America AAV Manufacturing Service Consumption Value Market Share by Type (2018-2029)

Figure 54. South America AAV Manufacturing Service Consumption Value Market Share by Application (2018-2029)

Figure 55. South America AAV Manufacturing Service Consumption Value Market Share by Country (2018-2029)

Figure 56. Brazil AAV Manufacturing Service Consumption Value (2018-2029) & (USD Million)

Figure 57. Argentina AAV Manufacturing Service Consumption Value (2018-2029) & (USD Million)

Figure 58. Middle East and Africa AAV Manufacturing Service Consumption Value Market Share by Type (2018-2029)



Figure 59. Middle East and Africa AAV Manufacturing Service Consumption Value Market Share by Application (2018-2029)

Figure 60. Middle East and Africa AAV Manufacturing Service Consumption Value Market Share by Country (2018-2029)

Figure 61. Turkey AAV Manufacturing Service Consumption Value (2018-2029) & (USD Million)

Figure 62. Saudi Arabia AAV Manufacturing Service Consumption Value (2018-2029) & (USD Million)

Figure 63. UAE AAV Manufacturing Service Consumption Value (2018-2029) & (USD Million)

Figure 64. AAV Manufacturing Service Market Drivers

Figure 65. AAV Manufacturing Service Market Restraints

Figure 66. AAV Manufacturing Service Market Trends

Figure 67. Porters Five Forces Analysis

Figure 68. Manufacturing Cost Structure Analysis of AAV Manufacturing Service in 2022

Figure 69. Manufacturing Process Analysis of AAV Manufacturing Service

Figure 70. AAV Manufacturing Service Industrial Chain

Figure 71. Methodology

Figure 72. Research Process and Data Source



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