

# Global Vaccine Adjuvants Supply, Demand and Key Producers, 2026-2032

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## Abstracts

The global Vaccine Adjuvants market size is expected to reach \$ 1331 million by 2032, rising at a market growth of 8.5% CAGR during the forecast period (2026-2032).

An adjuvant is a substance that is formulated as part of a vaccine to enhance its ability to induce protection against infection. Adjuvants are substances added to vaccines to enhance the immunogenicity of highly purified antigens that have insufficient immunostimulatory capabilities, and have been used in human vaccines for more than 90 years. And many vaccines also contain an adjuvant or adjuvant combination: these are substances added to vaccines specifically because of their immune enhancing effects. Adjuvants were initially used to counter the poor immunogenic potential of highly purified antigens. In recent years their role has expanded as our understanding of the immunology of vaccination has grown. In 2024, global Vaccine Adjuvants production reached approximately 17.1 K MT, with an average global market price of around US\$ 40 per kg. The average gross profit margin of this product is 37%.

The global upgrade of the vaccine industry is accelerating systematic progress in adjuvant technologies. From the expansion of national immunization programs to sustained corporate investments in next-generation vaccine platforms, high-performance adjuvants have become a strategic resource. Government policies supporting domestic vaccine innovation and emphasizing biosecurity and production resilience further enhance the value of companies with advanced technologies and stable supply capabilities. As recombinant protein, mRNA, and intranasal vaccines commercialize faster, new opportunities emerge for LNPs, immune agonists, and multi-component adjuvant systems. Annual reports from leading pharmaceutical companies show a clear shift: adjuvants are no longer auxiliary materials but essential technological assets.

Despite rapid growth, the industry faces regulatory complexity, concerns about long-term safety, and gaps in immunological evaluation systems. Adjuvant components are subject to increasingly stringent quality requirements, with varying regional registration standards extending development and approval timelines. Large-scale manufacturing of advanced adjuvants still requires breakthroughs in batch consistency, impurity control, and process scalability. Furthermore, strong patent barriers in immune-stimulating molecules and LNP technologies pose supply chain and licensing challenges for smaller companies. As governments emphasize drug safety and quality in official reports, balancing innovation with compliance is becoming more critical.

Vaccine manufacturers are shifting from product-driven to platform-driven development, increasing demand for safe, potent, and scalable adjuvant systems. Multiple vaccine technologies—recombinant protein, mRNA, viral vectors, and cancer vaccines—are progressing simultaneously, making compatibility and versatility key procurement criteria. Annual reports from major companies highlight continuous investments in immune-enhancing technologies, accelerating commercial adoption of composite and targeted adjuvants. With growing adult and elderly vaccine markets, downstream players prioritize stronger immunogenicity, lower dosing burden, and wider safety margins, driving structured and precision-designed adjuvants.

Upstream materials for vaccine adjuvants include aluminum salts, plant oils, synthetic lipids, nucleic acid-grade lipids, immune-modulating small molecules, and specialized surfactants. The supply chain is highly specialized with stringent quality thresholds. Influenced by government and corporate reports, major suppliers are increasing investments in high-purity, low-endotoxin materials, making GMP-grade manufacturers the backbone of the ecosystem. As demand for immune agonists and LNP components expands, suppliers with advanced synthesis, structural design, and purification capabilities will benefit, while mid- and low-tier materials show clear market stratification.

This report studies the global Vaccine Adjuvants production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for Vaccine Adjuvants 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 Vaccine Adjuvants that contribute to its increasing demand across many markets.

### **Highlights and key features of the study**

Global Vaccine Adjuvants total production and demand, 2021-2032, (MT)

Global Vaccine Adjuvants total production value, 2021-2032, (USD Million)

Global Vaccine Adjuvants production by region & country, production, value, CAGR, 2021-2032, (USD Million) & (MT), (based on production site)

Global Vaccine Adjuvants consumption by region & country, CAGR, 2021-2032 & (MT)

U.S. VS China: Vaccine Adjuvants domestic production, consumption, key domestic manufacturers and share

Global Vaccine Adjuvants production by manufacturer, production, price, value and market share 2021-2026, (USD Million) & (MT)

Global Vaccine Adjuvants production by Type, production, value, CAGR, 2021-2032, (USD Million) & (MT)

Global Vaccine Adjuvants production by Application, production, value, CAGR, 2021-2032, (USD Million) & (MT)

This report profiles key players in the global Vaccine Adjuvants market based on the following parameters - company overview, production, value, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include GSK, CSL Limited, Croda, SEPPIC, Iseevax, VARNOTECH, SDA BIO, SPI Pharma, Phibro Animal Health, Vertellus, 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 Vaccine Adjuvants market

### **Detailed Segmentation:**

Each section contains quantitative market data including market by value (US\$ Millions), volume (production, consumption) & (MT) and average price (USD/Kg) by manufacturer, 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 Vaccine Adjuvants Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

#### Global Vaccine Adjuvants Market, Segmentation by Type:

Emulsion Adjuvants

Mineral Adjuvants

Others

#### Global Vaccine Adjuvants Market, Segmentation by Material System:

Inorganic

Organic

#### Global Vaccine Adjuvants Market, Segmentation by Vaccine Platform:

Protein/peptide Vaccines

Nucleic Acid Vaccines

Viral Vector Vaccines

Other

Global Vaccine Adjuvants Market, Segmentation by Application:

Human Vaccine

Veterinary Vaccine

Companies Profiled:

GSK

CSL Limited

Croda

SEPPIC

Iseevax

VARNOTECH

SDA BIO

SPI Pharma

Phibro Animal Health

Vertellus

**Key Questions Answered:**

1. How big is the global Vaccine Adjuvants market?
2. What is the demand of the global Vaccine Adjuvants market?
3. What is the year over year growth of the global Vaccine Adjuvants market?
4. What is the production and production value of the global Vaccine Adjuvants market?

5. Who are the key producers in the global Vaccine Adjuvants market?
6. What are the growth factors driving the market demand?

## Contents

### 1 SUPPLY SUMMARY

- 1.1 SCADA Introduction
- 1.2 World SCADA Market Size & Forecast (2021 & 2025 & 2032)
- 1.3 World SCADA Total Market by Region (by Headquarter Location)
  - 1.3.1 World SCADA Market Size by Region (2021-2032), (by Headquarter Location)
  - 1.3.2 United States Based Company SCADA Revenue (2021-2032)
  - 1.3.3 China Based Company SCADA Revenue (2021-2032)
  - 1.3.4 Europe Based Company SCADA Revenue (2021-2032)
  - 1.3.5 Japan Based Company SCADA Revenue (2021-2032)
  - 1.3.6 South Korea Based Company SCADA Revenue (2021-2032)
  - 1.3.7 ASEAN Based Company SCADA Revenue (2021-2032)
  - 1.3.8 India Based Company SCADA Revenue (2021-2032)
- 1.4 Market Drivers, Restraints and Trends
  - 1.4.1 SCADA Market Drivers
  - 1.4.2 Factors Affecting Demand
  - 1.4.3 Major Market Trends

### 2 DEMAND SUMMARY

- 2.1 World SCADA Consumption Value (2021-2032)
- 2.2 World SCADA Consumption Value by Region
  - 2.2.1 World SCADA Consumption Value by Region (2021-2026)
  - 2.2.2 World SCADA Consumption Value Forecast by Region (2027-2032)
- 2.3 United States SCADA Consumption Value (2021-2032)
- 2.4 China SCADA Consumption Value (2021-2032)
- 2.5 Europe SCADA Consumption Value (2021-2032)
- 2.6 Japan SCADA Consumption Value (2021-2032)
- 2.7 South Korea SCADA Consumption Value (2021-2032)
- 2.8 ASEAN SCADA Consumption Value (2021-2032)
- 2.9 India SCADA Consumption Value (2021-2032)

### 3 WORLD SCADA COMPANIES COMPETITIVE ANALYSIS

- 3.1 World SCADA Revenue by Player (2021-2026)
- 3.2 Industry Rank and Concentration Rate (CR)
  - 3.2.1 Global SCADA Industry Rank of Major Players

- 3.2.2 Global Concentration Ratios (CR4) for SCADA in 2025
- 3.2.3 Global Concentration Ratios (CR8) for SCADA in 2025
- 3.3 SCADA Company Evaluation Quadrant
- 3.4 SCADA Market: Overall Company Footprint Analysis
  - 3.4.1 SCADA Market: Region Footprint
  - 3.4.2 SCADA Market: Company Product Type Footprint
  - 3.4.3 SCADA Market: Company Product Application Footprint
- 3.5 Competitive Environment
  - 3.5.1 Historical Structure of the Industry
  - 3.5.2 Barriers of Market Entry
  - 3.5.3 Factors of Competition
- 3.6 Mergers & Acquisitions Activity

## **4 UNITED STATES VS CHINA VS REST OF WORLD (BY HEADQUARTER LOCATION)**

- 4.1 United States VS China: SCADA Revenue Comparison (by Headquarter Location)
  - 4.1.1 United States VS China: SCADA Revenue Comparison (2021 & 2025 & 2032) (by Headquarter Location)
  - 4.1.2 United States VS China: SCADA Revenue Market Share Comparison (2021 & 2025 & 2032)
- 4.2 United States Based Companies VS China Based Companies: SCADA Consumption Value Comparison
  - 4.2.1 United States VS China: SCADA Consumption Value Comparison (2021 & 2025 & 2032)
  - 4.2.2 United States VS China: SCADA Consumption Value Market Share Comparison (2021 & 2025 & 2032)
- 4.3 United States Based SCADA Companies and Market Share, 2021-2026
  - 4.3.1 United States Based SCADA Companies, Headquarters (States, Country)
  - 4.3.2 United States Based Companies SCADA Revenue, (2021-2026)
- 4.4 China Based Companies SCADA Revenue and Market Share, 2021-2026
  - 4.4.1 China Based SCADA Companies, Company Headquarters (Province, Country)
  - 4.4.2 China Based Companies SCADA Revenue, (2021-2026)
- 4.5 Rest of World Based SCADA Companies and Market Share, 2021-2026
  - 4.5.1 Rest of World Based SCADA Companies, Headquarters (Province, Country)
  - 4.5.2 Rest of World Based Companies SCADA Revenue (2021-2026)

## **5 MARKET ANALYSIS BY TYPE**

## 5.1 World SCADA Market Size Overview by Type: 2021 VS 2025 VS 2032

### 5.2 Segment Introduction by Type

#### 5.2.1 Hardware

#### 5.2.2 Software

#### 5.2.3 Services

### 5.3 Market Segment by Type

#### 5.3.1 World SCADA Market Size by Type (2021-2026)

#### 5.3.2 World SCADA Market Size by Type (2027-2032)

#### 5.3.3 World SCADA Market Size Market Share by Type (2027-2032)

## 6 MARKET ANALYSIS BY APPLICATION

### 6.1 World SCADA Market Size Overview by Application: 2021 VS 2025 VS 2032

#### 6.2 Segment Introduction by Application

##### 6.2.1 Power & Energy

##### 6.2.2 Oil & Gas Industry

##### 6.2.3 Water & Waste Control

##### 6.2.4 Telecommunications

##### 6.2.5 Transportation

##### 6.2.6 Manufacturing Industry

##### 6.2.7 Others

#### 6.3 Market Segment by Application

##### 6.3.1 World SCADA Market Size by Application (2021-2026)

##### 6.3.2 World SCADA Market Size by Application (2027-2032)

##### 6.3.3 World SCADA Market Size Market Share by Application (2021-2032)

## 7 COMPANY PROFILES

### 7.1 Schneider Electric SE (France)

#### 7.1.1 Schneider Electric SE (France) Details

#### 7.1.2 Schneider Electric SE (France) Major Business

#### 7.1.3 Schneider Electric SE (France) SCADA Product and Services

#### 7.1.4 Schneider Electric SE (France) SCADA Revenue, Gross Margin and Market Share (2021-2026)

#### 7.1.5 Schneider Electric SE (France) Recent Developments/Updates

#### 7.1.6 Schneider Electric SE (France) Competitive Strengths & Weaknesses

### 7.2 ABB (Switzerland)

#### 7.2.1 ABB (Switzerland) Details

#### 7.2.2 ABB (Switzerland) Major Business

- 7.2.3 ABB (Switzerland) SCADA Product and Services
- 7.2.4 ABB (Switzerland) SCADA Revenue, Gross Margin and Market Share (2021-2026)
- 7.2.5 ABB (Switzerland) Recent Developments/Updates
- 7.2.6 ABB (Switzerland) Competitive Strengths & Weaknesses
- 7.3 Siemens AG (Germany)
  - 7.3.1 Siemens AG (Germany) Details
  - 7.3.2 Siemens AG (Germany) Major Business
  - 7.3.3 Siemens AG (Germany) SCADA Product and Services
  - 7.3.4 Siemens AG (Germany) SCADA Revenue, Gross Margin and Market Share (2021-2026)
  - 7.3.5 Siemens AG (Germany) Recent Developments/Updates
  - 7.3.6 Siemens AG (Germany) Competitive Strengths & Weaknesses
- 7.4 Emerson (US)
  - 7.4.1 Emerson (US) Details
  - 7.4.2 Emerson (US) Major Business
  - 7.4.3 Emerson (US) SCADA Product and Services
  - 7.4.4 Emerson (US) SCADA Revenue, Gross Margin and Market Share (2021-2026)
  - 7.4.5 Emerson (US) Recent Developments/Updates
  - 7.4.6 Emerson (US) Competitive Strengths & Weaknesses
- 7.5 Rockwell Automation Inc. (US)
  - 7.5.1 Rockwell Automation Inc. (US) Details
  - 7.5.2 Rockwell Automation Inc. (US) Major Business
  - 7.5.3 Rockwell Automation Inc. (US) SCADA Product and Services
  - 7.5.4 Rockwell Automation Inc. (US) SCADA Revenue, Gross Margin and Market Share (2021-2026)
  - 7.5.5 Rockwell Automation Inc. (US) Recent Developments/Updates
  - 7.5.6 Rockwell Automation Inc. (US) Competitive Strengths & Weaknesses
- 7.6 Honeywell International Inc. (US)
  - 7.6.1 Honeywell International Inc. (US) Details
  - 7.6.2 Honeywell International Inc. (US) Major Business
  - 7.6.3 Honeywell International Inc. (US) SCADA Product and Services
  - 7.6.4 Honeywell International Inc. (US) SCADA Revenue, Gross Margin and Market Share (2021-2026)
  - 7.6.5 Honeywell International Inc. (US) Recent Developments/Updates
  - 7.6.6 Honeywell International Inc. (US) Competitive Strengths & Weaknesses
- 7.7 Mitsubishi Electric (Japan)
  - 7.7.1 Mitsubishi Electric (Japan) Details
  - 7.7.2 Mitsubishi Electric (Japan) Major Business

- 7.7.3 Mitsubishi Electric (Japan) SCADA Product and Services
- 7.7.4 Mitsubishi Electric (Japan) SCADA Revenue, Gross Margin and Market Share (2021-2026)
- 7.7.5 Mitsubishi Electric (Japan) Recent Developments/Updates
- 7.7.6 Mitsubishi Electric (Japan) Competitive Strengths & Weaknesses
- 7.8 Omron Corporation (Japan)
  - 7.8.1 Omron Corporation (Japan) Details
  - 7.8.2 Omron Corporation (Japan) Major Business
  - 7.8.3 Omron Corporation (Japan) SCADA Product and Services
  - 7.8.4 Omron Corporation (Japan) SCADA Revenue, Gross Margin and Market Share (2021-2026)
  - 7.8.5 Omron Corporation (Japan) Recent Developments/Updates
  - 7.8.6 Omron Corporation (Japan) Competitive Strengths & Weaknesses
- 7.9 General Electric Co. (US)
  - 7.9.1 General Electric Co. (US) Details
  - 7.9.2 General Electric Co. (US) Major Business
  - 7.9.3 General Electric Co. (US) SCADA Product and Services
  - 7.9.4 General Electric Co. (US) SCADA Revenue, Gross Margin and Market Share (2021-2026)
  - 7.9.5 General Electric Co. (US) Recent Developments/Updates
  - 7.9.6 General Electric Co. (US) Competitive Strengths & Weaknesses
- 7.10 Yokogawa Electric Corporation (Japan)
  - 7.10.1 Yokogawa Electric Corporation (Japan) Details
  - 7.10.2 Yokogawa Electric Corporation (Japan) Major Business
  - 7.10.3 Yokogawa Electric Corporation (Japan) SCADA Product and Services
  - 7.10.4 Yokogawa Electric Corporation (Japan) SCADA Revenue, Gross Margin and Market Share (2021-2026)
  - 7.10.5 Yokogawa Electric Corporation (Japan) Recent Developments/Updates
  - 7.10.6 Yokogawa Electric Corporation (Japan) Competitive Strengths & Weaknesses
- 7.11 Larsen & Toubro (India)
  - 7.11.1 Larsen & Toubro (India) Details
  - 7.11.2 Larsen & Toubro (India) Major Business
  - 7.11.3 Larsen & Toubro (India) SCADA Product and Services
  - 7.11.4 Larsen & Toubro (India) SCADA Revenue, Gross Margin and Market Share (2021-2026)
  - 7.11.5 Larsen & Toubro (India) Recent Developments/Updates
  - 7.11.6 Larsen & Toubro (India) Competitive Strengths & Weaknesses
- 7.12 M.B. Control & Systems Pvt. Ltd (India)
  - 7.12.1 M.B. Control & Systems Pvt. Ltd (India) Details

- 7.12.2 M.B. Control & Systems Pvt. Ltd (India) Major Business
- 7.12.3 M.B. Control & Systems Pvt. Ltd (India) SCADA Product and Services
- 7.12.4 M.B. Control & Systems Pvt. Ltd (India) SCADA Revenue, Gross Margin and Market Share (2021-2026)
- 7.12.5 M.B. Control & Systems Pvt. Ltd (India) Recent Developments/Updates
- 7.12.6 M.B. Control & Systems Pvt. Ltd (India) Competitive Strengths & Weaknesses

## **8 INDUSTRY CHAIN ANALYSIS**

- 8.1 SCADA Industry Chain
- 8.2 SCADA Upstream Analysis
- 8.3 SCADA Midstream Analysis
- 8.4 SCADA Downstream Analysis

## **9 RESEARCH FINDINGS AND CONCLUSION**

## **10 APPENDIX**

- 10.1 Methodology
- 10.2 Research Process and Data Source
- 10.3 Disclaimer

## List Of Tables

### LIST OF TABLES

Table 1. World Vaccine Adjuvants Production Value by Region (2021, 2025 and 2032) & (USD Million)

Table 2. World Vaccine Adjuvants Production Value by Region (2021-2026) & (USD Million)

Table 3. World Vaccine Adjuvants Production Value by Region (2027-2032) & (USD Million)

Table 4. World Vaccine Adjuvants Production Value Market Share by Region (2021-2026)

Table 5. World Vaccine Adjuvants Production Value Market Share by Region (2027-2032)

Table 6. World Vaccine Adjuvants Production by Region (2021-2026) & (MT)

Table 7. World Vaccine Adjuvants Production by Region (2027-2032) & (MT)

Table 8. World Vaccine Adjuvants Production Market Share by Region (2021-2026)

Table 9. World Vaccine Adjuvants Production Market Share by Region (2027-2032)

Table 10. World Vaccine Adjuvants Average Price by Region (2021-2026) & (USD/Kg)

Table 11. World Vaccine Adjuvants Average Price by Region (2027-2032) & (USD/Kg)

Table 12. Vaccine Adjuvants Major Market Trends

Table 13. World Vaccine Adjuvants Consumption Growth Rate Forecast by Region (2021 & 2025 & 2032) & (MT)

Table 14. World Vaccine Adjuvants Consumption by Region (2021-2026) & (MT)

Table 15. World Vaccine Adjuvants Consumption Forecast by Region (2027-2032) & (MT)

Table 16. World Vaccine Adjuvants Production Value by Manufacturer (2021-2026) & (USD Million)

Table 17. Production Value Market Share of Key Vaccine Adjuvants Producers in 2025

Table 18. World Vaccine Adjuvants Production by Manufacturer (2021-2026) & (MT)

Table 19. Production Market Share of Key Vaccine Adjuvants Producers in 2025

Table 20. World Vaccine Adjuvants Average Price by Manufacturer (2021-2026) & (USD/Kg)

Table 21. Global Vaccine Adjuvants Company Evaluation Quadrant

Table 22. World Vaccine Adjuvants Industry Rank of Major Manufacturers, Based on Production Value in 2025

Table 23. Head Office and Vaccine Adjuvants Production Site of Key Manufacturer

Table 24. Vaccine Adjuvants Market: Company Product Type Footprint

Table 25. Vaccine Adjuvants Market: Company Product Application Footprint

- Table 26. Vaccine Adjuvants Competitive Factors
- Table 27. Vaccine Adjuvants New Entrant and Capacity Expansion Plans
- Table 28. Vaccine Adjuvants Mergers & Acquisitions Activity
- Table 29. United States VS China Vaccine Adjuvants Production Value Comparison, (2021 & 2025 & 2032) & (USD Million)
- Table 30. United States VS China Vaccine Adjuvants Production Comparison, (2021 & 2025 & 2032) & (MT)
- Table 31. United States VS China Vaccine Adjuvants Consumption Comparison, (2021 & 2025 & 2032) & (MT)
- Table 32. United States Based Vaccine Adjuvants Manufacturers, Headquarters and Production Site (States, Country)
- Table 33. United States Based Manufacturers Vaccine Adjuvants Production Value, (2021-2026) & (USD Million)
- Table 34. United States Based Manufacturers Vaccine Adjuvants Production Value Market Share (2021-2026)
- Table 35. United States Based Manufacturers Vaccine Adjuvants Production (2021-2026) & (MT)
- Table 36. United States Based Manufacturers Vaccine Adjuvants Production Market Share (2021-2026)
- Table 37. China Based Vaccine Adjuvants Manufacturers, Headquarters and Production Site (Province, Country)
- Table 38. China Based Manufacturers Vaccine Adjuvants Production Value, (2021-2026) & (USD Million)
- Table 39. China Based Manufacturers Vaccine Adjuvants Production Value Market Share (2021-2026)
- Table 40. China Based Manufacturers Vaccine Adjuvants Production, (2021-2026) & (MT)
- Table 41. China Based Manufacturers Vaccine Adjuvants Production Market Share (2021-2026)
- Table 42. Rest of World Based Vaccine Adjuvants Manufacturers, Headquarters and Production Site (State, Country)
- Table 43. Rest of World Based Manufacturers Vaccine Adjuvants Production Value, (2021-2026) & (USD Million)
- Table 44. Rest of World Based Manufacturers Vaccine Adjuvants Production Value Market Share (2021-2026)
- Table 45. Rest of World Based Manufacturers Vaccine Adjuvants Production, (2021-2026) & (MT)
- Table 46. Rest of World Based Manufacturers Vaccine Adjuvants Production Market Share (2021-2026)

Table 47. World Vaccine Adjuvants Production Value by Type, (USD Million), 2021 & 2025 & 2032

Table 48. World Vaccine Adjuvants Production by Type (2021-2026) & (MT)

Table 49. World Vaccine Adjuvants Production by Type (2027-2032) & (MT)

Table 50. World Vaccine Adjuvants Production Value by Type (2021-2026) & (USD Million)

Table 51. World Vaccine Adjuvants Production Value by Type (2027-2032) & (USD Million)

Table 52. World Vaccine Adjuvants Average Price by Type (2021-2026) & (USD/Kg)

Table 53. World Vaccine Adjuvants Average Price by Type (2027-2032) & (USD/Kg)

Table 54. World Vaccine Adjuvants Production Value by Application, (USD Million), 2021 & 2025 & 2032

Table 55. World Vaccine Adjuvants Production by Application (2021-2026) & (MT)

Table 56. World Vaccine Adjuvants Production by Application (2027-2032) & (MT)

Table 57. World Vaccine Adjuvants Production Value by Application (2021-2026) & (USD Million)

Table 58. World Vaccine Adjuvants Production Value by Application (2027-2032) & (USD Million)

Table 59. World Vaccine Adjuvants Average Price by Application (2021-2026) & (USD/Kg)

Table 60. World Vaccine Adjuvants Average Price by Application (2027-2032) & (USD/Kg)

Table 61. GSK Basic Information, Manufacturing Base and Competitors

Table 62. GSK Major Business

Table 63. GSK Vaccine Adjuvants Product and Services

Table 64. GSK Vaccine Adjuvants Production (MT), Price (USD/Kg), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 65. GSK Recent Developments/Updates

Table 66. GSK Competitive Strengths & Weaknesses

Table 67. CSL Limited Basic Information, Manufacturing Base and Competitors

Table 68. CSL Limited Major Business

Table 69. CSL Limited Vaccine Adjuvants Product and Services

Table 70. CSL Limited Vaccine Adjuvants Production (MT), Price (USD/Kg), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 71. CSL Limited Recent Developments/Updates

Table 72. CSL Limited Competitive Strengths & Weaknesses

Table 73. Croda Basic Information, Manufacturing Base and Competitors

Table 74. Croda Major Business

Table 75. Croda Vaccine Adjuvants Product and Services

Table 76. Croda Vaccine Adjuvants Production (MT), Price (USD/Kg), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 77. Croda Recent Developments/Updates

Table 78. Croda Competitive Strengths & Weaknesses

Table 79. SEPPIC Basic Information, Manufacturing Base and Competitors

Table 80. SEPPIC Major Business

Table 81. SEPPIC Vaccine Adjuvants Product and Services

Table 82. SEPPIC Vaccine Adjuvants Production (MT), Price (USD/Kg), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 83. SEPPIC Recent Developments/Updates

Table 84. SEPPIC Competitive Strengths & Weaknesses

Table 85. Sanofi Basic Information, Manufacturing Base and Competitors

Table 86. Sanofi Major Business

Table 87. Sanofi Vaccine Adjuvants Product and Services

Table 88. Sanofi Vaccine Adjuvants Production (MT), Price (USD/Kg), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 89. Sanofi Recent Developments/Updates

Table 90. Sanofi Competitive Strengths & Weaknesses

Table 91. Zhifei Biological Basic Information, Manufacturing Base and Competitors

Table 92. Zhifei Biological Major Business

Table 93. Zhifei Biological Vaccine Adjuvants Product and Services

Table 94. Zhifei Biological Vaccine Adjuvants Production (MT), Price (USD/Kg), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 95. Zhifei Biological Recent Developments/Updates

Table 96. Zhifei Biological Competitive Strengths & Weaknesses

Table 97. Escon Basic Information, Manufacturing Base and Competitors

Table 98. Escon Major Business

Table 99. Escon Vaccine Adjuvants Product and Services

Table 100. Escon Vaccine Adjuvants Production (MT), Price (USD/Kg), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 101. Escon Recent Developments/Updates

Table 102. Escon Competitive Strengths & Weaknesses

Table 103. Huanuotai Biological Basic Information, Manufacturing Base and Competitors

Table 104. Huanuotai Biological Major Business

Table 105. Huanuotai Biological Vaccine Adjuvants Product and Services

Table 106. Huanuotai Biological Vaccine Adjuvants Production (MT), Price (USD/Kg), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 107. Huanuotai Biological Recent Developments/Updates

- Table 108. Huanuotai Biological Competitive Strengths & Weaknesses
- Table 109. Rico Bio Basic Information, Manufacturing Base and Competitors
- Table 110. Rico Bio Major Business
- Table 111. Rico Bio Vaccine Adjuvants Product and Services
- Table 112. Rico Bio Vaccine Adjuvants Production (MT), Price (USD/Kg), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
- Table 113. Rico Bio Recent Developments/Updates
- Table 114. Rico Bio Competitive Strengths & Weaknesses
- Table 115. SDA BIO Basic Information, Manufacturing Base and Competitors
- Table 116. SDA BIO Major Business
- Table 117. SDA BIO Vaccine Adjuvants Product and Services
- Table 118. SDA BIO Vaccine Adjuvants Production (MT), Price (USD/Kg), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
- Table 119. SDA BIO Recent Developments/Updates
- Table 120. SDA BIO Competitive Strengths & Weaknesses
- Table 121. SPI Pharma Basic Information, Manufacturing Base and Competitors
- Table 122. SPI Pharma Major Business
- Table 123. SPI Pharma Vaccine Adjuvants Product and Services
- Table 124. SPI Pharma Vaccine Adjuvants Production (MT), Price (USD/Kg), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
- Table 125. SPI Pharma Recent Developments/Updates
- Table 126. SPI Pharma Competitive Strengths & Weaknesses
- Table 127. Phibro Animal Health Basic Information, Manufacturing Base and Competitors
- Table 128. Phibro Animal Health Major Business
- Table 129. Phibro Animal Health Vaccine Adjuvants Product and Services
- Table 130. Phibro Animal Health Vaccine Adjuvants Production (MT), Price (USD/Kg), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
- Table 131. Phibro Animal Health Recent Developments/Updates
- Table 132. Phibro Animal Health Competitive Strengths & Weaknesses
- Table 133. Vertellus Basic Information, Manufacturing Base and Competitors
- Table 134. Vertellus Major Business
- Table 135. Vertellus Vaccine Adjuvants Product and Services
- Table 136. Vertellus Vaccine Adjuvants Production (MT), Price (USD/Kg), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
- Table 137. Vertellus Recent Developments/Updates
- Table 138. Vertellus Competitive Strengths & Weaknesses
- Table 139. Global Key Players of Vaccine Adjuvants Upstream (Raw Materials)
- Table 140. Global Vaccine Adjuvants Typical Customers

Table 141. Vaccine Adjuvants Typical Distributors

## List Of Figures

### LIST OF FIGURES

Figure 1. Vaccine Adjuvants Picture

Figure 2. World Vaccine Adjuvants Production Value: 2021 & 2025 & 2032, (USD Million)

Figure 3. World Vaccine Adjuvants Production Value and Forecast (2021-2032) & (USD Million)

Figure 4. World Vaccine Adjuvants Production (2021-2032) & (MT)

Figure 5. World Vaccine Adjuvants Average Price (2021-2032) & (USD/Kg)

Figure 6. World Vaccine Adjuvants Production Value Market Share by Region (2021-2032)

Figure 7. World Vaccine Adjuvants Production Market Share by Region (2021-2032)

Figure 8. North America Vaccine Adjuvants Production (2021-2032) & (MT)

Figure 9. Europe Vaccine Adjuvants Production (2021-2032) & (MT)

Figure 10. China Vaccine Adjuvants Production (2021-2032) & (MT)

Figure 11. Vaccine Adjuvants Market Drivers

Figure 12. Factors Affecting Demand

Figure 13. World Vaccine Adjuvants Consumption (2021-2032) & (MT)

Figure 14. World Vaccine Adjuvants Consumption Market Share by Region (2021-2032)

Figure 15. United States Vaccine Adjuvants Consumption (2021-2032) & (MT)

Figure 16. China Vaccine Adjuvants Consumption (2021-2032) & (MT)

Figure 17. Europe Vaccine Adjuvants Consumption (2021-2032) & (MT)

Figure 18. Japan Vaccine Adjuvants Consumption (2021-2032) & (MT)

Figure 19. South Korea Vaccine Adjuvants Consumption (2021-2032) & (MT)

Figure 20. ASEAN Vaccine Adjuvants Consumption (2021-2032) & (MT)

Figure 21. India Vaccine Adjuvants Consumption (2021-2032) & (MT)

Figure 22. Producer Shipments of Vaccine Adjuvants by Manufacturer Revenue (\$MM) and Market Share (%): 2025

Figure 23. Global Four-firm Concentration Ratios (CR4) for Vaccine Adjuvants Markets in 2025

Figure 24. Global Four-firm Concentration Ratios (CR8) for Vaccine Adjuvants Markets in 2025

Figure 25. United States VS China: Vaccine Adjuvants Production Value Market Share Comparison (2021 & 2025 & 2032)

Figure 26. United States VS China: Vaccine Adjuvants Production Market Share Comparison (2021 & 2025 & 2032)

Figure 27. United States VS China: Vaccine Adjuvants Consumption Market Share

Comparison (2021 & 2025 & 2032)

Figure 28. United States Based Manufacturers Vaccine Adjuvants Production Market Share 2025

Figure 29. China Based Manufacturers Vaccine Adjuvants Production Market Share 2025

Figure 30. Rest of World Based Manufacturers Vaccine Adjuvants Production Market Share 2025

Figure 31. World Vaccine Adjuvants Production Value by Type, (USD Million), 2021 & 2025 & 2032

Figure 32. World Vaccine Adjuvants Production Value Market Share by Type in 2025

Figure 33. Emulsion Adjuvants

Figure 34. Mineral Adjuvants

Figure 35. Others

Figure 36. World Vaccine Adjuvants Production Market Share by Type (2021-2032)

Figure 37. World Vaccine Adjuvants Production Value Market Share by Type (2021-2032)

Figure 38. World Vaccine Adjuvants Average Price by Type (2021-2032) & (USD/Kg)

Figure 39. World Vaccine Adjuvants Production Value by Application, (USD Million), 2021 & 2025 & 2032

Figure 40. World Vaccine Adjuvants Production Value Market Share by Application in 2025

Figure 41. Human Vaccine

Figure 42. Veterinary Vaccine

Figure 43. World Vaccine Adjuvants Production Market Share by Application (2021-2032)

Figure 44. World Vaccine Adjuvants Production Value Market Share by Application (2021-2032)

Figure 45. World Vaccine Adjuvants Average Price by Application (2021-2032) & (USD/Kg)

Figure 46. Vaccine Adjuvants Industry Chain

Figure 47. Vaccine Adjuvants Procurement Model

Figure 48. Vaccine Adjuvants Sales Model

Figure 49. Vaccine Adjuvants Sales Channels, Direct Sales, and Distribution

Figure 50. Methodology

Figure 51. Research Process and Data Source

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