

Vaccine Contract Manufacturing Market Analysis Report By Vaccine Type (Attenuated, Inactivated, Subunit, Toxoid, DNA), By Workflow (Downstream, Upstream), By Application (Human, Veterinary), And Segment Forecasts, 2018 - 2025

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Abstracts

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The global vaccine contract manufacturing market size is expected to reach USD 4.0 billion by 2025, according to a new report by Grand View Research, Inc., expanding at a 9.3% CAGR during the forecast period. The market is anticipated to witness significant growth over the coming years thanks to rising demand for vaccine development from the private sector as well as governments in industrialized and developing countries.

Vaccine contract services offer cost-saving benefits to their clients. They also help save time in operations and management of a production and research facility. These advantages associated with Contract Manufacturing Organizations (CMOs) are expected to benefit emerging players, start-ups, and small players who lack adequate facilities and resources required for vaccine development.

Increase in pricing pressure, regulatory challenges, and patent expiration in recent times are expected to adversely impact the market. Contract services are considered “strategic competitive weapons” among vaccine manufacturers as they help overcome the aforementioned issues.

A number of international healthcare organizations are engaged in estimating and predicting the quantity of goods as well as financial need required for conducting immunization programs. Some of the factors considered for this estimation are quantity

of vaccines, estimated time of delivery, product type, and vial size. Participation of international healthcare organizations in vaccination programs is expected to positively influence the growth of contract manufacturers.

Further key findings from the report suggest:

Contract services for development of attenuated vaccines accounted for the major share in the market based on vaccine type. This can be attributed to the fact that these vaccines offer immunity for a lifetime with only one or two doses

DNA vaccines form the fastest-growing segment by type, with several kinds already being tested on humans

Based on workflow, downstream processing dominated the market mainly due to the necessity of mature and reliable biotechnology tools for product recovery. Various research initiatives in the space are also contributing in advancing downstream workflows

By application, contract services for the development of human-use vaccines held the largest share owing to their high adoption to develop vaccines against influenza and other illnesses

Lonza; IDT Biologika GmbH; FUJIFILM Diosynth Biotechnologies U.S.A., Inc.; and Merck KGaA are some of the major players offering services for vaccine development.

Contents

CHAPTER 1 EXECUTIVE SUMMARY

1.1 Market Snapshot

CHAPTER 2 RESEARCH METHODOLOGY

2.1 Information Procurement

2.2 Information or Data Analysis

2.3 Market Formulation & Validation

CHAPTER 3 VACCINE CONTRACT MANUFACTURING MARKET VARIABLES, TRENDS, & SCOPE

3.1 Market Segmentation & Scope

3.1.1 Market driver analysis

3.1.1.1 Capacity expansion by contract manufacturers for vaccine manufacturing

3.1.1.2 Global increase in vaccination coverage

3.1.1.3 Vaccination innovation and robust vaccine pipeline

3.1.1.4 Cost and time saving benefits offered by contract services

3.1.2 Market Restraint Analysis

3.1.2.1 Limited outsourcing by well-established vaccine manufacturers

3.2 Penetration & Growth Prospect Mapping For Diagnostic Assays, 2016

3.3 Vaccine Contract Manufacturing Market-Swot Analysis, By Factor (Political & Legal, Economic, And Technological)

3.4 Industry Analysis - Porter's

CHAPTER 4 VACCINE CONTRACT MANUFACTURING MARKET: VACCINE TYPE ESTIMATES & TREND ANALYSIS

4.1 Global Vaccine Contract Manufacturing Market: Vaccine Type Movement Analysis

4.2 Attenuated Vaccine

4.2.1 Global attenuated vaccine market, 2014 - 2025 (USD Million)

4.3 Inactivated Vaccine

4.3.1 Global inactivated vaccine market, 2014 - 2025 (USD Million)

4.4 Subunit Vaccines

4.4.1 Global subunit vaccines market, 2014 - 2025 (USD Million)

4.5 Toxoid Vaccines

- 4.5.1 Global toxoid vaccines market, 2014 - 2025 (USD Million)
- 4.6 DNA Vaccines
 - 4.6.1 Global DNA vaccines market, 2014 - 2025 (USD Million)

CHAPTER 5 VACCINE CONTRACT MANUFACTURING MARKET: WORKFLOW ESTIMATES & TREND ANALYSIS

- 5.1 Global Vaccine Contract Manufacturing Market: Workflow Movement Analysis
- 5.2 Downstream
 - 5.2.1 Global downstream processing market, 2014 - 2025 (USD Million)
 - 5.2.2 Fill & Finish Operations
 - 5.2.2.1 Global fill & finish operations market, 2014 - 2025 (USD Million)
 - 5.2.3 Analytical & QC studies
 - 5.2.3.1 Global analytical & QC studies market, 2014 - 2025 (USD Million)
 - 5.2.4 Packaging
 - 5.2.4.1 Global packaging market, 2014 - 2025 (USD Million)
- 5.3 Upstream
 - 5.3.1 Global upstream processing market, 2014 - 2025 (USD Million)
 - 5.3.2 Mammalian expression systems
 - 5.3.2.1 Global mammalian expression systems market, 2014 - 2025 (USD Million)
 - 5.3.3 Bacterial expression systems
 - 5.3.3.1 Global bacterial expression systems market, 2014 - 2025 (USD Million)
 - 5.3.4 Yeast expression systems
 - 5.3.4.1 Global yeast expression systems market, 2014 - 2025 (USD Million)
 - 5.3.5 Baculovirus/insect expression systems
 - 5.3.5.1 Global insect expression systems market, 2014 - 2025 (USD Million)
 - 5.3.6 Others
 - 5.3.6.1 Global other expression systems market, 2014 - 2025 (USD Million)

CHAPTER 6 VACCINE CONTRACT MANUFACTURING MARKET: APPLICATION ESTIMATES & TREND ANALYSIS

- 6.1 Global Vaccine Contract Manufacturing Market: Application Movement Analysis
- 6.2 Human Use
 - 6.2.1 Global human use market, 2014 - 2025 (USD Million)
- 6.3 Veterinary
 - 6.3.1 Global veterinary market, 2014 - 2025 (USD Million)

CHAPTER 7 VACCINE CONTRACT MANUFACTURING MARKET: REGIONAL

ESTIMATES & TREND ANALYSIS, BY VACCINE TYPE, WORKFLOW, AND APPLICATION

7.1 Vaccine Contract Manufacturing Market Share By Region, 2016 & 2025

7.2 North America

7.2.1 North America vaccine contract manufacturing market, 2014 - 2025 (USD Million)

7.2.2 U.S.

7.2.2.1 U.S. vaccine contract manufacturing market, by vaccine type, 2014 - 2025 (USD Million)

7.2.2.2 U.S. vaccine contract manufacturing market, by workflow, 2014 - 2025 (USD Million)

7.2.2.3 U.S. vaccine contract manufacturing market, by application, 2014 - 2025 (USD Million)

7.2.3 Canada

7.2.3.1 Canada vaccine contract manufacturing market, by vaccine type, 2014 - 2025 (USD Million)

7.2.3.2 Canada vaccine contract manufacturing market, by workflow, 2014 - 2025 (USD Million)

7.2.3.3 Canada vaccine contract manufacturing market, by application, 2014 - 2025 (USD Million)

7.3 Europe

7.3.1 Europe vaccine contract manufacturing market, 2014 - 2025 (USD Million)

7.3.2 Germany

7.3.2.1 Germany vaccine contract manufacturing market, by vaccine type, 2014 - 2025 (USD Million)

7.3.2.2 Germany vaccine contract manufacturing market, by workflow, 2014 - 2025 (USD Million)

7.3.2.3 Germany vaccine contract manufacturing market, by application, 2014 - 2025 (USD Million)

7.3.3 France

7.3.3.1 France vaccine contract manufacturing market, by vaccine type, 2014 - 2025 (USD Million)

7.3.3.2 France vaccine contract manufacturing market, by workflow, 2014 - 2025 (USD Million)

7.3.3.3 France vaccine contract manufacturing market, by application, 2014 - 2025 (USD Million)

7.4 Asia Pacific

7.4.1 Asia Pacific vaccine contract manufacturing market, 2014 - 2025 (USD Million)

7.4.2 China

7.4.2.1 China vaccine contract manufacturing market, by vaccine type, 2014 - 2025 (USD Million)

7.4.2.2 China vaccine contract manufacturing market, by workflow, 2014 - 2025 (USD Million)

7.4.2.3 China vaccine contract manufacturing market, by application, 2014 - 2025 (USD Million)

7.4.3 India

7.4.3.1 India vaccine contract manufacturing market, by vaccine type, 2014 - 2025 (USD Million)

7.4.3.2 India vaccine contract manufacturing market, by workflow, 2014 - 2025 (USD Million)

7.4.3.3 India vaccine contract manufacturing market, by application, 2014 - 2025 (USD Million)

7.5 Latin America

7.5.1 Latin America vaccine contract manufacturing market, 2014 - 2025 (USD Million)

7.5.2 Brazil

7.5.2.1 Brazil vaccine contract manufacturing market, by vaccine type, 2014 - 2025 (USD Million)

7.5.2.2 Brazil vaccine contract manufacturing market, by workflow, 2014 - 2025 (USD Million)

7.5.2.3 Brazil vaccine contract manufacturing market, by application, 2014 - 2025 (USD Million)

7.6 MEA

7.6.1 MEA vaccine contract manufacturing market, 2014 - 2025 (USD Million)

7.6.2 South Africa

7.6.2.1 South Africa vaccine contract manufacturing market, by vaccine type, 2014 - 2025 (USD Million)

7.6.2.2 South Africa vaccine contract manufacturing market, by workflow, 2014 - 2025 (USD Million)

7.6.2.3 South Africa vaccine contract manufacturing market, by application, 2014 - 2025 (USD Million)

CHAPTER 8 COMPETITIVE LANDSCAPE

8.1 Strategy Framework

8.2 Market Participation Categorization

8.3 Company Profiles

8.3.1 LONZA

8.3.1.1 Company overview

- 8.3.1.2 Financial performance
- 8.3.1.3 Product benchmarking
- 8.3.1.4 Strategic initiatives
- 8.3.2 FUJIFILM Diosynth Biotechnologies U.S.A., Inc.
 - 8.3.2.1 Company overview
 - 8.3.2.2 Financial performance
 - 8.3.2.3 Product benchmarking
 - 8.3.2.4 Strategic initiatives
- 8.3.3 Ajinomoto Althea, Inc.
 - 8.3.3.1 Company overview
 - 8.3.3.2 Financial performance
 - 8.3.3.3 Product benchmarking
 - 8.3.3.4 Strategic initiatives
- 8.3.4 Merck KGaA
 - 8.3.4.1 Company overview
 - 8.3.4.1.1 Sigma-Aldrich Co. LLC
 - 8.3.4.2 Financial performance
 - 8.3.4.3 Product benchmarking
 - 8.3.4.4 Strategic initiatives
- 8.3.5 Cytovance Biologics
 - 8.3.5.1 Company overview
 - 8.3.5.2 Financial performance
 - 8.3.5.3 Product benchmarking
 - 8.3.5.4 Strategic initiatives
- 8.3.6 Catalent, Inc.
 - 8.3.6.1 Company overview
 - 8.3.6.2 COOK
 - 8.3.6.2.1 Company overview
 - 8.3.6.3 Financial performance
 - 8.3.6.3.1 Financial performance
 - 8.3.6.4 Product benchmarking
 - 8.3.6.5 Strategic initiatives
- 8.3.7 IDT Biologika
 - 8.3.7.1 Company overview
 - 8.3.7.2 Financial performance
 - 8.3.7.3 Product benchmarking
 - 8.3.7.4 Strategic initiatives
- 8.3.8 Albany Molecular Research, Inc.
 - 8.3.8.1 Company overview

- 8.3.8.2 OsoBio
 - 8.3.8.2.1 Company overview
- 8.3.8.3 Financial performance
 - 8.3.8.3.1 Financial performance
- 8.3.8.4 Product benchmarking
- 8.3.8.5 Strategic initiatives
- 8.3.9 PRA Health Sciences
 - 8.3.9.1 Company overview
 - 8.3.9.2 Financial performance
 - 8.3.9.3 Product benchmarking
 - 8.3.9.4 Strategic initiatives
- 8.3.10 ICON plc.
 - 8.3.10.1 Company overview
 - 8.3.10.2 Financial performance
 - 8.3.10.3 Product benchmarking
 - 8.3.10.4 Strategic initiatives
- 8.3.11 Pharmaceutical Product Development, LLC
 - 8.3.11.1 Company overview
 - 8.3.11.2 Financial performance
 - 8.3.11.3 Product benchmarking
 - 8.3.11.4 Strategic initiatives
- 8.3.12 Cobra Bio
 - 8.3.12.1 Company overview
 - 8.3.12.2 Financial performance
 - 8.3.12.3 Product benchmarking
 - 8.3.12.4 Strategic initiatives
- 8.3.13 Paragon Bioservices, Inc.
 - 8.3.13.1 Company overview
 - 8.3.13.2 Financial performance
 - 8.3.13.3 Product benchmarking
- 8.3.14 KBI Biopharma
 - 8.3.14.1 Company overview
 - 8.3.14.2 Financial performance
 - 8.3.14.3 Product benchmarking
 - 8.3.14.4 Strategic initiatives

List Of Tables

LIST OF TABLES

Table 1 North America vaccine contract manufacturing market estimates & forecasts, by vaccine type, 2014 - 2025 (USD Million)

Table 2 North America vaccine contract manufacturing market estimates & forecasts, by workflow, 2014 - 2025 (USD Million)

Table 3 North America downstream vaccine contract manufacturing market estimates & forecasts, by workflow, 2014 - 2025 (USD Million)

Table 4 North America upstream vaccine contract manufacturing market estimates & forecasts, by workflow, 2014 - 2025 (USD Million)

Table 5 North America vaccine contract manufacturing market estimates & forecasts, by application, 2014 - 2025 (USD Million)

Table 6 U.S. vaccine contract manufacturing market estimates & forecasts, by vaccine type, 2014 - 2025 (USD Million)

Table 7 U.S. vaccine contract manufacturing market estimates & forecasts, by workflow, 2014 - 2025 (USD Million)

Table 8 U.S. downstream vaccine contract manufacturing market estimates & forecasts, by workflow, 2014 - 2025 (USD Million)

Table 9 U.S. upstream vaccine contract manufacturing market estimates & forecasts, by workflow, 2014 - 2025 (USD Million)

Table 10 U.S. vaccine contract manufacturing market estimates & forecasts, by application, 2014 - 2025 (USD Million)

Table 11 Canada vaccine contract manufacturing market estimates & forecasts, by vaccine type, 2014 - 2025 (USD Million)

Table 12 Canada vaccine contract manufacturing market estimates & forecasts, by workflow, 2014 - 2025 (USD Million)

Table 13 Canada downstream vaccine contract manufacturing market estimates & forecasts, by workflow, 2014 - 2025 (USD Million)

Table 14 Canada upstream vaccine contract manufacturing market estimates & forecasts, by workflow, 2014 - 2025 (USD Million)

Table 15 Canada vaccine contract manufacturing market estimates & forecasts, by application, 2014 - 2025 (USD Million)

Table 16 Europe vaccine contract manufacturing market estimates & forecasts, by vaccine type, 2014 - 2025 (USD Million)

Table 17 Europe vaccine contract manufacturing market estimates & forecasts, by workflow, 2014 - 2025 (USD Million)

Table 18 Europe downstream vaccine contract manufacturing market estimates &

forecasts, by workflow, 2014 - 2025 (USD Million)

Table 19 Europe upstream vaccine contract manufacturing market estimates & forecasts, by workflow, 2014 - 2025 (USD Million)

Table 20 Europe vaccine contract manufacturing market estimates & forecasts, by application, 2014 - 2025 (USD Million)

Table 21 Germany vaccine contract manufacturing market estimates & forecasts, by vaccine type, 2014 - 2025 (USD Million)

Table 22 Germany vaccine contract manufacturing market estimates & forecasts, by workflow, 2014 - 2025 (USD Million)

Table 23 Germany downstream vaccine contract manufacturing market estimates & forecasts, by workflow, 2014 - 2025 (USD Million)

Table 24 Germany upstream vaccine contract manufacturing market estimates & forecasts, by workflow, 2014 - 2025 (USD Million)

Table 25 Germany vaccine contract manufacturing market estimates & forecasts, by application, 2014 - 2025 (USD Million)

Table 26 France vaccine contract manufacturing market estimates & forecasts, by vaccine type, 2014 - 2025 (USD Million)

Table 27 France vaccine contract manufacturing market estimates & forecasts, by workflow, 2014 - 2025 (USD Million)

Table 28 France downstream vaccine contract manufacturing market estimates & forecasts, by workflow, 2014 - 2025 (USD Million)

Table 29 France upstream vaccine contract manufacturing market estimates & forecasts, by workflow, 2014 - 2025 (USD Million)

Table 30 France vaccine contract manufacturing market estimates & forecasts, by application, 2014 - 2025 (USD Million)

Table 31 Asia Pacific vaccine contract manufacturing market estimates & forecasts, by vaccine type, 2014 - 2025 (USD Million)

Table 32 Asia Pacific vaccine contract manufacturing market estimates & forecasts, by workflow, 2014 - 2025 (USD Million)

Table 33 Asia Pacific downstream vaccine contract manufacturing market estimates & forecasts, by workflow, 2014 - 2025 (USD Million)

Table 34 Asia Pacific upstream vaccine contract manufacturing market estimates & forecasts, by workflow, 2014 - 2025 (USD Million)

Table 35 Asia Pacific vaccine contract manufacturing market estimates & forecasts, by application, 2014 - 2025 (USD Million)

Table 36 China vaccine contract manufacturing market estimates & forecasts, by vaccine type, 2014 - 2025 (USD Million)

Table 37 China vaccine contract manufacturing market estimates & forecasts, by workflow, 2014 - 2025 (USD Million)

Table 38 China downstream vaccine contract manufacturing market estimates & forecasts, by workflow, 2014 - 2025 (USD Million)

Table 39 China upstream vaccine contract manufacturing market estimates & forecasts, by workflow, 2014 - 2025 (USD Million)

Table 40 China vaccine contract manufacturing market estimates & forecasts, by application, 2014 - 2025 (USD Million)

Table 41 India vaccine contract manufacturing market estimates & forecasts, by vaccine type, 2014 - 2025 (USD Million)

Table 42 India vaccine contract manufacturing market estimates & forecasts, by workflow, 2014 - 2025 (USD Million)

Table 43 India downstream vaccine contract manufacturing market estimates & forecasts, by workflow, 2014 - 2025 (USD Million)

Table 44 India upstream vaccine contract manufacturing market estimates & forecasts, by workflow, 2014 - 2025 (USD Million)

Table 45 India vaccine contract manufacturing market estimates & forecasts, by application, 2014 - 2025 (USD Million)

Table 46 Latin America vaccine contract manufacturing market estimates & forecasts, by vaccine type, 2014 - 2025 (USD Million)

Table 47 Latin America vaccine contract manufacturing market estimates & forecasts, by workflow, 2014 - 2025 (USD Million)

Table 48 Latin America downstream vaccine contract manufacturing market estimates & forecasts, by workflow, 2014 - 2025 (USD Million)

Table 49 Latin America upstream vaccine contract manufacturing market estimates & forecasts, by workflow, 2014 - 2025 (USD Million)

Table 50 Latin America vaccine contract manufacturing market estimates & forecasts, by application, 2014 - 2025 (USD Million)

Table 51 Brazil vaccine contract manufacturing market estimates & forecasts, by vaccine type, 2014 - 2025 (USD Million)

Table 52 Brazil vaccine contract manufacturing market estimates & forecasts, by workflow, 2014 - 2025 (USD Million)

Table 53 Brazil downstream vaccine contract manufacturing market estimates & forecasts, by workflow, 2014 - 2025 (USD Million)

Table 54 Brazil upstream vaccine contract manufacturing market estimates & forecasts, by workflow, 2014 - 2025 (USD Million)

Table 55 Brazil vaccine contract manufacturing market estimates & forecasts, by application, 2014 - 2025 (USD Million)

Table 56 MEA vaccine contract manufacturing market estimates & forecasts, by vaccine type, 2014 - 2025 (USD Million)

Table 57 MEA vaccine contract manufacturing market estimates & forecasts, by

workflow, 2014 - 2025 (USD Million)

Table 58 MEA downstream vaccine contract manufacturing market estimates & forecasts, by workflow, 2014 - 2025 (USD Million)

Table 59 MEA upstream vaccine contract manufacturing market estimates & forecasts, by workflow, 2014 - 2025 (USD Million)

Table 60 MEA vaccine contract manufacturing market estimates & forecasts, by application, 2014 - 2025 (USD Million)

Table 61 South Africa vaccine contract manufacturing market estimates & forecasts, by vaccine type, 2014 - 2025 (USD Million)

Table 62 South Africa vaccine contract manufacturing market estimates & forecasts, by workflow, 2014 - 2025 (USD Million)

Table 63 South Africa downstream vaccine contract manufacturing market estimates & forecasts, by workflow, 2014 - 2025 (USD Million)

Table 64 South Africa upstream vaccine contract manufacturing market estimates & forecasts, by workflow, 2014 - 2025 (USD Million)

Table 65 South Africa vaccine contract manufacturing market estimates & forecasts, by application, 2014 - 2025 (USD Million)

List Of Figures

LIST OF FIGURES

- Fig. 1 Market summary
- Fig. 2 Market research process
- Fig. 3 Information procurement
- Fig. 4 Primary research pattern
- Fig. 5 Market research approaches
- Fig. 6 Value chain based sizing & forecasting
- Fig. 7 QFD modelling for market share assessment
- Fig. 8 Market trends & outlook
- Fig. 9 Market segmentation & scope
- Fig. 10 Market driver relevance analysis (Current & future impact)
- Fig. 11 Share of children immunized against Diphtheria, Tetanus, and Pertussis (DTP3)
- Fig. 12 Infectious disease pipeline (as of April 2016)
- Fig. 13 Market restraint relevance analysis (Current & future impact)
- Fig. 14 Penetration & growth prospect mapping for diagnostic assays, 2016
- Fig. 15 SWOT Analysis, By Factor (political & legal, economic, and technological)
- Fig. 16 Porter's Five Forces Analysis
- Fig. 17 Global vaccine contract manufacturing market: Vaccine type outlook key takeaways
- Fig. 18 Global vaccine contract manufacturing market: Vaccine type movement analysis
- Fig. 19 Global attenuated vaccine market, 2014 - 2025 (USD Million)
- Fig. 20 Global inactivated vaccine market, 2014 - 2025 (USD Million)
- Fig. 21 Global subunit vaccines market, 2014 - 2025 (USD Million)
- Fig. 22 Global toxoid vaccines market, 2014 - 2025 (USD Million)
- Fig. 23 Global rabies market, 2014 - 2025 (USD Million)
- Fig. 24 Global vaccine contract manufacturing market: Workflow outlook key takeaways
- Fig. 25 Global vaccine contract manufacturing market: Workflow movement analysis
- Fig. 26 Global downstream processing market, 2014 - 2025 (USD Million)
- Fig. 27 Global fill & finish operations market, 2014 - 2025 (USD Million)
- Fig. 28 Global analytical & QC studies market, 2014 - 2025 (USD Million)
- Fig. 29 Global packaging market, 2014 - 2025 (USD Million)
- Fig. 30 Global upstream processing market, 2014 - 2025 (USD Million)
- Fig. 31 Global mammalian expression systems market, 2014 - 2025 (USD Million)
- Fig. 32 Global bacterial expression systems market, 2014 - 2025 (USD Million)
- Fig. 33 Global yeast expression systems market, 2014 - 2025 (USD Million)
- Fig. 34 Global insect expression systems market, 2014 - 2025 (USD Million)

- Fig. 35 Global other expression systems market, 2014 - 2025 (USD Million)
- Fig. 36 Global vaccine contract manufacturing market: Application outlook key takeaways
- Fig. 37 Global vaccine contract manufacturing market: End-use movement analysis
- Fig. 38 Global human-use market, 2014 - 2025 (USD Million)
- Fig. 39 Global veterinary market, 2014 - 2025 (USD Million)
- Fig. 40 Regional market place: Key takeaways
- Fig. 41 Vaccine contract manufacturing regional outlook, 2016 & 2025
- Fig. 42 North America vaccine contract manufacturing market, 2014 - 2025 (USD Million)
- Fig. 43 U.S. Vaccine contract manufacturing market, 2014 - 2025 (USD Million)
- Fig. 44 Canada vaccine contract manufacturing market, 2014 - 2025 (USD Million)
- Fig. 45 Europe vaccine contract manufacturing market, 2014 - 2025 (USD Million)
- Fig. 46 Germany vaccine contract manufacturing market, 2014 - 2025 (USD Million)
- Fig. 47 France vaccine contract manufacturing market, 2014 - 2025 (USD Million)
- Fig. 48 Asia Pacific vaccine contract manufacturing market, 2014 - 2025 (USD Million)
- Fig. 49 China vaccine contract manufacturing market, 2014 - 2025 (USD Million)
- Fig. 50 India vaccine contract manufacturing market, 2014 - 2025 (USD Million)
- Fig. 51 Latin America vaccine contract manufacturing market, 2014 - 2025 (USD Million)
- Fig. 52 Brazil vaccine contract manufacturing market, 2014 - 2025 (USD Million)
- Fig. 53 MEA vaccine contract manufacturing market, 2014 - 2025 (USD Million)
- Fig. 54 South Africa vaccine contract manufacturing market, 2014 - 2025 (USD Million)
- Fig. 55 Strategy framework
- Fig. 56 Participant categorization

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