

# Global Microorganisms Development Services Supply, Demand and Key Producers, 2026-2032

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## Abstracts

The global Microorganisms Development Services market size is expected to reach \$ 2293 million by 2032, rising at a market growth of 5.5% CAGR during the forecast period (2026-2032).

Microorganisms Development Services refer to providing clients with end-to-end solutions from strain construction and process development to large-scale production, leveraging synthetic biology, genetic engineering, and high-throughput screening technologies. The core of this service lies in precisely editing microbial metabolic pathways to target and optimize biosynthetic efficiency and product expression capabilities, meeting the needs of specific functional strains in the pharmaceutical, food, agricultural, and environmental protection industries. Services encompass chassis cell modification, fermentation process optimization, and product purification strategy design, aiming to solve problems such as low yield and poor stability of natural strains. This service is a core technological support for driving innovation in the biomanufacturing industry and realizing the green bioeconomic transformation. The global microorganisms development services market exhibits a three-way balance of power between the US, Europe, and Asia. North America, leveraging its top-tier research capabilities and venture capital, leads cutting-edge innovation in synthetic biology, attracting numerous startups and core technology patents. Europe, with its strong industrial biotechnology foundation, maintains its advantages in food ingredients, enzyme preparations, and sustainable biomanufacturing, with stringent regulations driving green process upgrades. The Asia-Pacific region is the world's largest manufacturing base and fastest-growing market. China is rapidly expanding its production capacity in pharmaceutical intermediates, amino acids, and probiotics development, while India is active in generic drug strain development. Other emerging markets primarily rely on imported technical services.

This report studies the global Microorganisms Development Services demand, key companies, and key regions.

This report is a detailed and comprehensive analysis of the world market for Microorganisms Development Services, 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 Microorganisms Development Services that contribute to its increasing demand across many markets.

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

Global Microorganisms Development Services total market, 2021-2032, (USD Million)

Global Microorganisms Development Services total market by region & country, CAGR, 2021-2032, (USD Million)

U.S. VS China: Microorganisms Development Services total market, key domestic companies, and share, (USD Million)

Global Microorganisms Development Services revenue by player, revenue and market share 2021-2026, (USD Million)

Global Microorganisms Development Services total market by Type, CAGR, 2021-2032, (USD Million)

Global Microorganisms Development Services total market by Application, CAGR, 2021-2032, (USD Million)

This report profiles major players in the global Microorganisms Development Services market based on the following parameters - company overview, revenue, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include BRAIN Biotech, WuXi Biologics, KBI Biopharma, Lonza, Evonik, Lallemand Inc, Creative Biogene, MDG Bio, Creative BioMart Microbe, Meurice R&D, 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 Microorganisms Development Services market

### **Detailed Segmentation:**

Each section contains quantitative market data including market by value (US\$

Millions), by player, by regions, 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 Microorganisms Development Services Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

#### Global Microorganisms Development Services Market, Segmentation by Type:

Gene Editing and Synthesis Services

Directed Evolution and Screening Services

Metabolic Pathway Reconstruction Services

Fermentation Process Development Services

Others

#### Global Microorganisms Development Services Market, Segmentation by Service Model:

Engineered Strain Delivery Service

Technical Solution Service

R&d Outsourcing Service

High-Throughput Screening Platform Service

Others

#### Global Microorganisms Development Services Market, Segmentation by Application:

Biopharmaceuticals

Food and Ingredients

Agriculture and Environment

Energy and Materials

Others

#### Companies Profiled:

BRAIN Biotech

WuXi Biologics

KBI Biopharma

Lonza

Evonik

Lallemand Inc

Creative Biogene

MDG Bio

Creative BioMart Microbe

Meurice R&D

BOC Sciences

Esco Aster

#### Key Questions Answered

1. How big is the global Microorganisms Development Services market?
2. What is the demand of the global Microorganisms Development Services market?
3. What is the year over year growth of the global Microorganisms Development Services market?
4. What is the total value of the global Microorganisms Development Services market?
5. Who are the Major Players in the global Microorganisms Development Services market?
6. What are the growth factors driving the market demand?

## Contents

### 1 SUPPLY SUMMARY

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

### 2 DEMAND SUMMARY

- 2.1 World Microorganisms Development Services Consumption Value (2021-2032)
- 2.2 World Microorganisms Development Services Consumption Value by Region
  - 2.2.1 World Microorganisms Development Services Consumption Value by Region (2021-2026)
  - 2.2.2 World Microorganisms Development Services Consumption Value Forecast by Region (2027-2032)
- 2.3 United States Microorganisms Development Services Consumption Value

(2021-2032)

2.4 China Microorganisms Development Services Consumption Value (2021-2032)

2.5 Europe Microorganisms Development Services Consumption Value (2021-2032)

2.6 Japan Microorganisms Development Services Consumption Value (2021-2032)

2.7 South Korea Microorganisms Development Services Consumption Value  
(2021-2032)

2.8 ASEAN Microorganisms Development Services Consumption Value (2021-2032)

2.9 India Microorganisms Development Services Consumption Value (2021-2032)

### **3 WORLD MICROORGANISMS DEVELOPMENT SERVICES COMPANIES COMPETITIVE ANALYSIS**

3.1 World Microorganisms Development Services Revenue by Player (2021-2026)

3.2 Industry Rank and Concentration Rate (CR)

3.2.1 Global Microorganisms Development Services Industry Rank of Major Players

3.2.2 Global Concentration Ratios (CR4) for Microorganisms Development Services in  
2025

3.2.3 Global Concentration Ratios (CR8) for Microorganisms Development Services in  
2025

3.3 Microorganisms Development Services Company Evaluation Quadrant

3.4 Microorganisms Development Services Market: Overall Company Footprint Analysis

3.4.1 Microorganisms Development Services Market: Region Footprint

3.4.2 Microorganisms Development Services Market: Company Product Type  
Footprint

3.4.3 Microorganisms Development Services 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: Microorganisms Development Services Revenue  
Comparison (by Headquarter Location)

4.1.1 United States VS China: Microorganisms Development Services Revenue  
Comparison (2021 & 2025 & 2032) (by Headquarter Location)

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

## **5 MARKET ANALYSIS BY TYPE**

- 5.1 World Microorganisms Development Services Market Size Overview by Type: 2021 VS 2025 VS 2032
- 5.2 Segment Introduction by Type
  - 5.2.1 Gene Editing and Synthesis Services
  - 5.2.2 Directed Evolution and Screening Services
  - 5.2.3 Metabolic Pathway Reconstruction Services
  - 5.2.4 Fermentation Process Development Services
  - 5.2.5 Others
- 5.3 Market Segment by Type
  - 5.3.1 World Microorganisms Development Services Market Size by Type (2021-2026)

- 5.3.2 World Microorganisms Development Services Market Size by Type (2027-2032)
- 5.3.3 World Microorganisms Development Services Market Size Market Share by Type (2027-2032)

## **6 MARKET ANALYSIS BY SERVICE MODEL**

- 6.1 World Microorganisms Development Services Market Size Overview by Service Model: 2021 VS 2025 VS 2032
- 6.2 Segment Introduction by Service Model
  - 6.2.1 Engineered Strain Delivery Service
  - 6.2.2 Technical Solution Service
  - 6.2.3 R&d Outsourcing Service
  - 6.2.4 High-Throughput Screening Platform Service
  - 6.2.5 Others
- 6.3 Market Segment by Service Model
  - 6.3.1 World Microorganisms Development Services Market Size by Service Model (2021-2026)
  - 6.3.2 World Microorganisms Development Services Market Size by Service Model (2027-2032)
  - 6.3.3 World Microorganisms Development Services Market Size Market Share by Service Model (2027-2032)

## **7 MARKET ANALYSIS BY APPLICATION**

- 7.1 World Microorganisms Development Services Market Size Overview by Application: 2021 VS 2025 VS 2032
- 7.2 Segment Introduction by Application
  - 7.2.1 Biopharmaceuticals
  - 7.2.2 Food and Ingredients
  - 7.2.3 Agriculture and Environment
  - 7.2.4 Energy and Materials
  - 7.2.5 Others
- 7.3 Market Segment by Application
  - 7.3.1 World Microorganisms Development Services Market Size by Application (2021-2026)
  - 7.3.2 World Microorganisms Development Services Market Size by Application (2027-2032)
  - 7.3.3 World Microorganisms Development Services Market Size Market Share by Application (2021-2032)

## 8 COMPANY PROFILES

### 8.1 BRAIN Biotech

8.1.1 BRAIN Biotech Details

8.1.2 BRAIN Biotech Major Business

8.1.3 BRAIN Biotech Microorganisms Development Services Product and Services

8.1.4 BRAIN Biotech Microorganisms Development Services Revenue, Gross Margin and Market Share (2021-2026)

8.1.5 BRAIN Biotech Recent Developments/Updates

8.1.6 BRAIN Biotech Competitive Strengths & Weaknesses

### 8.2 WuXi Biologics

8.2.1 WuXi Biologics Details

8.2.2 WuXi Biologics Major Business

8.2.3 WuXi Biologics Microorganisms Development Services Product and Services

8.2.4 WuXi Biologics Microorganisms Development Services Revenue, Gross Margin and Market Share (2021-2026)

8.2.5 WuXi Biologics Recent Developments/Updates

8.2.6 WuXi Biologics Competitive Strengths & Weaknesses

### 8.3 KBI Biopharma

8.3.1 KBI Biopharma Details

8.3.2 KBI Biopharma Major Business

8.3.3 KBI Biopharma Microorganisms Development Services Product and Services

8.3.4 KBI Biopharma Microorganisms Development Services Revenue, Gross Margin and Market Share (2021-2026)

8.3.5 KBI Biopharma Recent Developments/Updates

8.3.6 KBI Biopharma Competitive Strengths & Weaknesses

### 8.4 Lonza

8.4.1 Lonza Details

8.4.2 Lonza Major Business

8.4.3 Lonza Microorganisms Development Services Product and Services

8.4.4 Lonza Microorganisms Development Services Revenue, Gross Margin and Market Share (2021-2026)

8.4.5 Lonza Recent Developments/Updates

8.4.6 Lonza Competitive Strengths & Weaknesses

### 8.5 Evonik

8.5.1 Evonik Details

8.5.2 Evonik Major Business

8.5.3 Evonik Microorganisms Development Services Product and Services

8.5.4 Evonik Microorganisms Development Services Revenue, Gross Margin and Market Share (2021-2026)

8.5.5 Evonik Recent Developments/Updates

8.5.6 Evonik Competitive Strengths & Weaknesses

8.6 Lallemand Inc

8.6.1 Lallemand Inc Details

8.6.2 Lallemand Inc Major Business

8.6.3 Lallemand Inc Microorganisms Development Services Product and Services

8.6.4 Lallemand Inc Microorganisms Development Services Revenue, Gross Margin and Market Share (2021-2026)

8.6.5 Lallemand Inc Recent Developments/Updates

8.6.6 Lallemand Inc Competitive Strengths & Weaknesses

8.7 Creative Biogene

8.7.1 Creative Biogene Details

8.7.2 Creative Biogene Major Business

8.7.3 Creative Biogene Microorganisms Development Services Product and Services

8.7.4 Creative Biogene Microorganisms Development Services Revenue, Gross Margin and Market Share (2021-2026)

8.7.5 Creative Biogene Recent Developments/Updates

8.7.6 Creative Biogene Competitive Strengths & Weaknesses

8.8 MDG Bio

8.8.1 MDG Bio Details

8.8.2 MDG Bio Major Business

8.8.3 MDG Bio Microorganisms Development Services Product and Services

8.8.4 MDG Bio Microorganisms Development Services Revenue, Gross Margin and Market Share (2021-2026)

8.8.5 MDG Bio Recent Developments/Updates

8.8.6 MDG Bio Competitive Strengths & Weaknesses

8.9 Creative BioMart Microbe

8.9.1 Creative BioMart Microbe Details

8.9.2 Creative BioMart Microbe Major Business

8.9.3 Creative BioMart Microbe Microorganisms Development Services Product and Services

8.9.4 Creative BioMart Microbe Microorganisms Development Services Revenue, Gross Margin and Market Share (2021-2026)

8.9.5 Creative BioMart Microbe Recent Developments/Updates

8.9.6 Creative BioMart Microbe Competitive Strengths & Weaknesses

8.10 Meurice R&D

8.10.1 Meurice R&D Details

- 8.10.2 Meurice R&D Major Business
- 8.10.3 Meurice R&D Microorganisms Development Services Product and Services
- 8.10.4 Meurice R&D Microorganisms Development Services Revenue, Gross Margin and Market Share (2021-2026)
- 8.10.5 Meurice R&D Recent Developments/Updates
- 8.10.6 Meurice R&D Competitive Strengths & Weaknesses
- 8.11 BOC Sciences
  - 8.11.1 BOC Sciences Details
  - 8.11.2 BOC Sciences Major Business
  - 8.11.3 BOC Sciences Microorganisms Development Services Product and Services
  - 8.11.4 BOC Sciences Microorganisms Development Services Revenue, Gross Margin and Market Share (2021-2026)
  - 8.11.5 BOC Sciences Recent Developments/Updates
  - 8.11.6 BOC Sciences Competitive Strengths & Weaknesses
- 8.12 Esco Aster
  - 8.12.1 Esco Aster Details
  - 8.12.2 Esco Aster Major Business
  - 8.12.3 Esco Aster Microorganisms Development Services Product and Services
  - 8.12.4 Esco Aster Microorganisms Development Services Revenue, Gross Margin and Market Share (2021-2026)
  - 8.12.5 Esco Aster Recent Developments/Updates
  - 8.12.6 Esco Aster Competitive Strengths & Weaknesses

## **9 INDUSTRY CHAIN ANALYSIS**

- 9.1 Microorganisms Development Services Industry Chain
- 9.2 Microorganisms Development Services Upstream Analysis
- 9.3 Microorganisms Development Services Midstream Analysis
- 9.4 Microorganisms Development Services Downstream Analysis

## **10 RESEARCH FINDINGS AND CONCLUSION**

## **11 APPENDIX**

- 11.1 Methodology
- 11.2 Research Process and Data Source
- 11.3 Disclaimer

## List Of Tables

### LIST OF TABLES

- Table 1. World Microorganisms Development Services Revenue by Region (2021, 2025 and 2032) & (USD Million), (by Headquarter Location)
- Table 2. World Microorganisms Development Services Revenue by Region (2021-2026) & (USD Million), (by Headquarter Location)
- Table 3. World Microorganisms Development Services Revenue by Region (2027-2032) & (USD Million), (by Headquarter Location)
- Table 4. World Microorganisms Development Services Revenue Market Share by Region (2021-2026), (by Headquarter Location)
- Table 5. World Microorganisms Development Services Revenue Market Share by Region (2027-2032), (by Headquarter Location)
- Table 6. Major Market Trends
- Table 7. World Microorganisms Development Services Consumption Value Growth Rate Forecast by Region (2021 & 2025 & 2032) & (USD Million)
- Table 8. World Microorganisms Development Services Consumption Value by Region (2021-2026) & (USD Million)
- Table 9. World Microorganisms Development Services Consumption Value Forecast by Region (2027-2032) & (USD Million)
- Table 10. World Microorganisms Development Services Revenue by Player (2021-2026) & (USD Million)
- Table 11. Revenue Market Share of Key Microorganisms Development Services Players in 2025
- Table 12. World Microorganisms Development Services Industry Rank of Major Player, Based on Revenue in 2025
- Table 13. Global Microorganisms Development Services Company Evaluation Quadrant
- Table 14. Head Office of Key Microorganisms Development Services Players
- Table 15. Microorganisms Development Services Market: Company Product Type Footprint
- Table 16. Microorganisms Development Services Market: Company Product Application Footprint
- Table 17. Microorganisms Development Services Mergers & Acquisitions Activity
- Table 18. United States VS China Microorganisms Development Services Revenue Comparison, (2021 & 2025 & 2032) & (USD Million)
- Table 19. United States VS China Microorganisms Development Services Consumption Value Comparison, (2021 & 2025 & 2032) & (USD Million)
- Table 20. United States Based Microorganisms Development Services Companies,

Headquarters (States, Country)

Table 21. United States Based Companies Microorganisms Development Services Revenue, (2021-2026) & (USD Million)

Table 22. United States Based Companies Microorganisms Development Services Revenue Market Share (2021-2026)

Table 23. China Based Microorganisms Development Services Companies, Headquarters (Province, Country)

Table 24. China Based Companies Microorganisms Development Services Revenue, (2021-2026) & (USD Million)

Table 25. China Based Companies Microorganisms Development Services Revenue Market Share (2021-2026)

Table 26. Rest of World Based Microorganisms Development Services Companies, Headquarters (Province, Country)

Table 27. Rest of World Based Companies Microorganisms Development Services Revenue (2021-2026) & (USD Million)

Table 28. Rest of World Based Companies Microorganisms Development Services Revenue Market Share (2021-2026)

Table 29. World Microorganisms Development Services Market Size by Type, (USD Million), 2021 & 2025 & 2032

Table 30. World Microorganisms Development Services Market Size Value by Type (2021-2026) & (USD Million)

Table 31. World Microorganisms Development Services Market Size by Type (2027-2032) & (USD Million)

Table 32. World Microorganisms Development Services Market Size by Service Model, (USD Million), 2021 & 2025 & 2032

Table 33. World Microorganisms Development Services Market Size Value by Service Model (2021-2026) & (USD Million)

Table 34. World Microorganisms Development Services Market Size by Service Model (2027-2032) & (USD Million)

Table 35. World Microorganisms Development Services Market Size by Application, (USD Million), 2021 & 2025 & 2032

Table 36. World Microorganisms Development Services Market Size by Application (2021-2026) & (USD Million)

Table 37. World Microorganisms Development Services Market Size by Application (2027-2032) & (USD Million)

Table 38. BRAIN Biotech Basic Information, Manufacturing Base and Competitors

Table 39. BRAIN Biotech Major Business

Table 40. BRAIN Biotech Microorganisms Development Services Product and Services

Table 41. BRAIN Biotech Microorganisms Development Services Revenue, Gross

Margin and Market Share (2021-2026) & (USD Million)

Table 42. BRAIN Biotech Recent Developments/Updates

Table 43. BRAIN Biotech Competitive Strengths & Weaknesses

Table 44. WuXi Biologics Basic Information, Manufacturing Base and Competitors

Table 45. WuXi Biologics Major Business

Table 46. WuXi Biologics Microorganisms Development Services Product and Services

Table 47. WuXi Biologics Microorganisms Development Services Revenue, Gross Margin and Market Share (2021-2026) & (USD Million)

Table 48. WuXi Biologics Recent Developments/Updates

Table 49. WuXi Biologics Competitive Strengths & Weaknesses

Table 50. KBI Biopharma Basic Information, Manufacturing Base and Competitors

Table 51. KBI Biopharma Major Business

Table 52. KBI Biopharma Microorganisms Development Services Product and Services

Table 53. KBI Biopharma Microorganisms Development Services Revenue, Gross Margin and Market Share (2021-2026) & (USD Million)

Table 54. KBI Biopharma Recent Developments/Updates

Table 55. KBI Biopharma Competitive Strengths & Weaknesses

Table 56. Lonza Basic Information, Manufacturing Base and Competitors

Table 57. Lonza Major Business

Table 58. Lonza Microorganisms Development Services Product and Services

Table 59. Lonza Microorganisms Development Services Revenue, Gross Margin and Market Share (2021-2026) & (USD Million)

Table 60. Lonza Recent Developments/Updates

Table 61. Lonza Competitive Strengths & Weaknesses

Table 62. Evonik Basic Information, Manufacturing Base and Competitors

Table 63. Evonik Major Business

Table 64. Evonik Microorganisms Development Services Product and Services

Table 65. Evonik Microorganisms Development Services Revenue, Gross Margin and Market Share (2021-2026) & (USD Million)

Table 66. Evonik Recent Developments/Updates

Table 67. Evonik Competitive Strengths & Weaknesses

Table 68. Lallemand Inc Basic Information, Manufacturing Base and Competitors

Table 69. Lallemand Inc Major Business

Table 70. Lallemand Inc Microorganisms Development Services Product and Services

Table 71. Lallemand Inc Microorganisms Development Services Revenue, Gross Margin and Market Share (2021-2026) & (USD Million)

Table 72. Lallemand Inc Recent Developments/Updates

Table 73. Lallemand Inc Competitive Strengths & Weaknesses

Table 74. Creative Biogene Basic Information, Manufacturing Base and Competitors

- Table 75. Creative Biogene Major Business
- Table 76. Creative Biogene Microorganisms Development Services Product and Services
- Table 77. Creative Biogene Microorganisms Development Services Revenue, Gross Margin and Market Share (2021-2026) & (USD Million)
- Table 78. Creative Biogene Recent Developments/Updates
- Table 79. Creative Biogene Competitive Strengths & Weaknesses
- Table 80. MDG Bio Basic Information, Manufacturing Base and Competitors
- Table 81. MDG Bio Major Business
- Table 82. MDG Bio Microorganisms Development Services Product and Services
- Table 83. MDG Bio Microorganisms Development Services Revenue, Gross Margin and Market Share (2021-2026) & (USD Million)
- Table 84. MDG Bio Recent Developments/Updates
- Table 85. MDG Bio Competitive Strengths & Weaknesses
- Table 86. Creative BioMart Microbe Basic Information, Manufacturing Base and Competitors
- Table 87. Creative BioMart Microbe Major Business
- Table 88. Creative BioMart Microbe Microorganisms Development Services Product and Services
- Table 89. Creative BioMart Microbe Microorganisms Development Services Revenue, Gross Margin and Market Share (2021-2026) & (USD Million)
- Table 90. Creative BioMart Microbe Recent Developments/Updates
- Table 91. Creative BioMart Microbe Competitive Strengths & Weaknesses
- Table 92. Meurice R&D Basic Information, Manufacturing Base and Competitors
- Table 93. Meurice R&D Major Business
- Table 94. Meurice R&D Microorganisms Development Services Product and Services
- Table 95. Meurice R&D Microorganisms Development Services Revenue, Gross Margin and Market Share (2021-2026) & (USD Million)
- Table 96. Meurice R&D Recent Developments/Updates
- Table 97. Meurice R&D Competitive Strengths & Weaknesses
- Table 98. BOC Sciences Basic Information, Manufacturing Base and Competitors
- Table 99. BOC Sciences Major Business
- Table 100. BOC Sciences Microorganisms Development Services Product and Services
- Table 101. BOC Sciences Microorganisms Development Services Revenue, Gross Margin and Market Share (2021-2026) & (USD Million)
- Table 102. BOC Sciences Recent Developments/Updates
- Table 103. BOC Sciences Competitive Strengths & Weaknesses
- Table 104. Esco Aster Basic Information, Manufacturing Base and Competitors
- Table 105. Esco Aster Major Business

Table 106. Esco Aster Microorganisms Development Services Product and Services

Table 107. Esco Aster Microorganisms Development Services Revenue, Gross Margin and Market Share (2021-2026) & (USD Million)

Table 108. Esco Aster Recent Developments/Updates

Table 109. Esco Aster Competitive Strengths & Weaknesses

Table 110. Global Key Players of Microorganisms Development Services Upstream (Raw Materials)

Table 111. Global Microorganisms Development Services Typical Customers

## List Of Figures

### LIST OF FIGURES

Figure 1. Microorganisms Development Services Picture

Figure 2. World Microorganisms Development Services Total Revenue: 2021 & 2025 & 2032, (USD Million)

Figure 3. World Microorganisms Development Services Total Revenue (2021-2032) & (USD Million)

Figure 4. World Microorganisms Development Services Revenue by Region (2021, 2025 and 2032) & (USD Million), (by Headquarter Location)

Figure 5. World Microorganisms Development Services Revenue Market Share by Region (2021-2032), (by Headquarter Location)

Figure 6. United States Based Company Microorganisms Development Services Revenue (2021-2032) & (USD Million)

Figure 7. China Based Company Microorganisms Development Services Revenue (2021-2032) & (USD Million)

Figure 8. Europe Based Company Microorganisms Development Services Revenue (2021-2032) & (USD Million)

Figure 9. Japan Based Company Microorganisms Development Services Revenue (2021-2032) & (USD Million)

Figure 10. South Korea Based Company Microorganisms Development Services Revenue (2021-2032) & (USD Million)

Figure 11. ASEAN Based Company Microorganisms Development Services Revenue (2021-2032) & (USD Million)

Figure 12. India Based Company Microorganisms Development Services Revenue (2021-2032) & (USD Million)

Figure 13. Microorganisms Development Services Market Drivers

Figure 14. Factors Affecting Demand

Figure 15. World Microorganisms Development Services Consumption Value (2021-2032) & (USD Million)

Figure 16. World Microorganisms Development Services Consumption Value Market Share by Region (2021-2032)

Figure 17. United States Microorganisms Development Services Consumption Value (2021-2032) & (USD Million)

Figure 18. China Microorganisms Development Services Consumption Value (2021-2032) & (USD Million)

Figure 19. Europe Microorganisms Development Services Consumption Value (2021-2032) & (USD Million)

- Figure 20. Japan Microorganisms Development Services Consumption Value (2021-2032) & (USD Million)
- Figure 21. South Korea Microorganisms Development Services Consumption Value (2021-2032) & (USD Million)
- Figure 22. ASEAN Microorganisms Development Services Consumption Value (2021-2032) & (USD Million)
- Figure 23. India Microorganisms Development Services Consumption Value (2021-2032) & (USD Million)
- Figure 24. Producer Shipments of Microorganisms Development Services by Player Revenue (\$MM) and Market Share (%): 2025
- Figure 25. Global Four-firm Concentration Ratios (CR4) for Microorganisms Development Services Markets in 2025
- Figure 26. Global Four-firm Concentration Ratios (CR8) for Microorganisms Development Services Markets in 2025
- Figure 27. United States VS China: Microorganisms Development Services Revenue Market Share Comparison (2021 & 2025 & 2032)
- Figure 28. United States VS China: Microorganisms Development Services Consumption Value Market Share Comparison (2021 & 2025 & 2032)
- Figure 29. World Microorganisms Development Services Market Size by Type, (USD Million), 2021 & 2025 & 2032
- Figure 30. World Microorganisms Development Services Market Size Market Share by Type in 2025
- Figure 31. Gene Editing and Synthesis Services
- Figure 32. Directed Evolution and Screening Services
- Figure 33. Metabolic Pathway Reconstruction Services
- Figure 34. Fermentation Process Development Services
- Figure 35. Others
- Figure 36. World Microorganisms Development Services Market Size Market Share by Type (2021-2032)
- Figure 37. World Microorganisms Development Services Market Size by Service Model, (USD Million), 2021 & 2025 & 2032
- Figure 38. World Microorganisms Development Services Market Size Market Share by Service Model in 2025
- Figure 39. Engineered Strain Delivery Service
- Figure 40. Technical Solution Service
- Figure 41. R&d Outsourcing Service
- Figure 42. High-Throughput Screening Platform Service
- Figure 43. Others
- Figure 44. World Microorganisms Development Services Market Size Market Share by

Service Model (2021-2032)

Figure 45. World Microorganisms Development Services Market Size by Application, (USD Million), 2021 & 2025 & 2032

Figure 46. World Microorganisms Development Services Market Size Market Share by Application in 2025

Figure 47. Biopharmaceuticals

Figure 48. Food and Ingredients

Figure 49. Agriculture and Environment

Figure 50. Energy and Materials

Figure 51. Others

Figure 52. World Microorganisms Development Services Market Size Market Share by Application (2021-2032)

Figure 53. Microorganisms Development Services Industrial Chain

Figure 54. Methodology

Figure 55. Research Process and Data Source

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