

# Global Antisense ODN Supply, Demand and Key Producers, 2023-2029

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## Abstracts

The global Antisense ODN market size is expected to reach \$ 9669.6 million by 2029, rising at a market growth of 16.6% CAGR during the forecast period (2023-2029).

The Antisense Oligonucleotide (ASO) Market is driven by the promising potential of ASOs in treating genetic disorders, rare diseases, and certain cancers by targeting specific RNA molecules and inhibiting their expression. ASOs represent a groundbreaking therapeutic approach that offers the possibility of highly targeted and personalized treatments. As our understanding of genomics and molecular biology advances, and precision medicine gains momentum, the demand for ASOs continues to grow. Innovations in ASO design, chemical modifications, and delivery technologies further contribute to market expansion. However, a significant challenge for this market is the need to address effective delivery to the target tissues, ensure long-term safety and efficacy, and navigate complex regulatory pathways. Overcoming delivery hurdles, minimizing off-target effects, and managing high development costs are ongoing challenges. Additionally, the market faces competition from traditional therapeutic approaches and the need for continuous research and development to fully unlock the therapeutic potential of ASOs. Striking a balance between providing safe, effective, and accessible ASO therapies while addressing scientific and regulatory challenges is essential for the continued growth of the Antisense Oligonucleotide (ASO) Market.

Antisense Oligonucleotides (ASOs) are a class of nucleic acid drugs designed to target specific RNA molecules within cells. They work by binding to complementary RNA sequences, which can modulate gene expression in various ways. ASOs have been developed to treat a wide range of genetic and other diseases.

This report studies the global Antisense ODN demand, key companies, and key

regions.

This report is a detailed and comprehensive analysis of the world market for Antisense ODN, and provides market size (US\$ million) and Year-over-Year (YoY) growth, considering 2022 as the base year. This report explores demand trends and competition, as well as details the characteristics of Antisense ODN that contribute to its increasing demand across many markets.

Highlights and key features of the study

Global Antisense ODN total market, 2018-2029, (USD Million)

Global Antisense ODN total market by region & country, CAGR, 2018-2029, (USD Million)

U.S. VS China: Antisense ODN total market, key domestic companies and share, (USD Million)

Global Antisense ODN revenue by player and market share 2018-2023, (USD Million)

Global Antisense ODN total market by Type, CAGR, 2018-2029, (USD Million)

Global Antisense ODN total market by Application, CAGR, 2018-2029, (USD Million).

This reports profiles major players in the global Antisense ODN 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 Sarepta Therapeutics, Ionis Pharmaceuticals, Biogen, Nippon Shinyaku, Sobi and Jazz Pharmaceuticals, 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 Antisense ODN 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 2018-2029 by year with 2022 as the base year, 2023 as the estimate year, and 2024-2029 as the forecast year.

#### Global Antisense ODN Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

#### Global Antisense ODN Market, Segmentation by Type

With Chemical Modification

Without Chemical Modification

#### Global Antisense ODN Market, Segmentation by Application

Neuromuscular Diseases

hATTR

Other

## Companies Profiled:

Sarepta Therapeutics

Ionis Pharmaceuticals

Biogen

Nippon Shinyaku

Sobi

Jazz Pharmaceuticals

## Key Questions Answered

1. How big is the global Antisense ODN market?
2. What is the demand of the global Antisense ODN market?
3. What is the year over year growth of the global Antisense ODN market?
4. What is the total value of the global Antisense ODN market?
5. Who are the major players in the global Antisense ODN market?

## Contents

### 1 SUPPLY SUMMARY

- 1.1 Antisense ODN Introduction
- 1.2 World Antisense ODN Market Size & Forecast (2018 & 2022 & 2029)
- 1.3 World Antisense ODN Total Market by Region (by Headquarter Location)
  - 1.3.1 World Antisense ODN Market Size by Region (2018-2029), (by Headquarter Location)
  - 1.3.2 United States Antisense ODN Market Size (2018-2029)
  - 1.3.3 China Antisense ODN Market Size (2018-2029)
  - 1.3.4 Europe Antisense ODN Market Size (2018-2029)
  - 1.3.5 Japan Antisense ODN Market Size (2018-2029)
  - 1.3.6 South Korea Antisense ODN Market Size (2018-2029)
  - 1.3.7 ASEAN Antisense ODN Market Size (2018-2029)
  - 1.3.8 India Antisense ODN Market Size (2018-2029)
- 1.4 Market Drivers, Restraints and Trends
  - 1.4.1 Antisense ODN Market Drivers
  - 1.4.2 Factors Affecting Demand
  - 1.4.3 Antisense ODN Major Market Trends

### 2 DEMAND SUMMARY

- 2.1 World Antisense ODN Consumption Value (2018-2029)
- 2.2 World Antisense ODN Consumption Value by Region
  - 2.2.1 World Antisense ODN Consumption Value by Region (2018-2023)
  - 2.2.2 World Antisense ODN Consumption Value Forecast by Region (2024-2029)
- 2.3 United States Antisense ODN Consumption Value (2018-2029)
- 2.4 China Antisense ODN Consumption Value (2018-2029)
- 2.5 Europe Antisense ODN Consumption Value (2018-2029)
- 2.6 Japan Antisense ODN Consumption Value (2018-2029)
- 2.7 South Korea Antisense ODN Consumption Value (2018-2029)
- 2.8 ASEAN Antisense ODN Consumption Value (2018-2029)
- 2.9 India Antisense ODN Consumption Value (2018-2029)

### 3 WORLD ANTISENSE ODN COMPANIES COMPETITIVE ANALYSIS

- 3.1 World Antisense ODN Revenue by Player (2018-2023)
- 3.2 Industry Rank and Concentration Rate (CR)

- 3.2.1 Global Antisense ODN Industry Rank of Major Players
- 3.2.2 Global Concentration Ratios (CR4) for Antisense ODN in 2022
- 3.2.3 Global Concentration Ratios (CR8) for Antisense ODN in 2022
- 3.3 Antisense ODN Company Evaluation Quadrant
- 3.4 Antisense ODN Market: Overall Company Footprint Analysis
  - 3.4.1 Antisense ODN Market: Region Footprint
  - 3.4.2 Antisense ODN Market: Company Product Type Footprint
  - 3.4.3 Antisense ODN 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 THE WORLD (BY HEADQUARTER LOCATION)**

- 4.1 United States VS China: Antisense ODN Revenue Comparison (by Headquarter Location)
  - 4.1.1 United States VS China: Antisense ODN Market Size Comparison (2018 & 2022 & 2029) (by Headquarter Location)
  - 4.1.2 United States VS China: Antisense ODN Revenue Market Share Comparison (2018 & 2022 & 2029)
- 4.2 United States Based Companies VS China Based Companies: Antisense ODN Consumption Value Comparison
  - 4.2.1 United States VS China: Antisense ODN Consumption Value Comparison (2018 & 2022 & 2029)
  - 4.2.2 United States VS China: Antisense ODN Consumption Value Market Share Comparison (2018 & 2022 & 2029)
- 4.3 United States Based Antisense ODN Companies and Market Share, 2018-2023
  - 4.3.1 United States Based Antisense ODN Companies, Headquarters (States, Country)
  - 4.3.2 United States Based Companies Antisense ODN Revenue, (2018-2023)
- 4.4 China Based Companies Antisense ODN Revenue and Market Share, 2018-2023
  - 4.4.1 China Based Antisense ODN Companies, Company Headquarters (Province, Country)
  - 4.4.2 China Based Companies Antisense ODN Revenue, (2018-2023)
- 4.5 Rest of World Based Antisense ODN Companies and Market Share, 2018-2023
  - 4.5.1 Rest of World Based Antisense ODN Companies, Headquarters (States,

Country)

4.5.2 Rest of World Based Companies Antisense ODN Revenue, (2018-2023)

## **5 MARKET ANALYSIS BY TYPE**

5.1 World Antisense ODN Market Size Overview by Type: 2018 VS 2022 VS 2029

5.2 Segment Introduction by Type

5.2.1 With Chemical Modification

5.2.2 Without Chemical Modification

5.3 Market Segment by Type

5.3.1 World Antisense ODN Market Size by Type (2018-2023)

5.3.2 World Antisense ODN Market Size by Type (2024-2029)

5.3.3 World Antisense ODN Market Size Market Share by Type (2018-2029)

## **6 MARKET ANALYSIS BY APPLICATION**

6.1 World Antisense ODN Market Size Overview by Application: 2018 VS 2022 VS 2029

6.2 Segment Introduction by Application

6.2.1 Neuromuscular Diseases

6.2.2 hATTR

6.2.3 Other

6.3 Market Segment by Application

6.3.1 World Antisense ODN Market Size by Application (2018-2023)

6.3.2 World Antisense ODN Market Size by Application (2024-2029)

6.3.3 World Antisense ODN Market Size by Application (2018-2029)

## **7 COMPANY PROFILES**

7.1 Sarepta Therapeutics

7.1.1 Sarepta Therapeutics Details

7.1.2 Sarepta Therapeutics Major Business

7.1.3 Sarepta Therapeutics Antisense ODN Product and Services

7.1.4 Sarepta Therapeutics Antisense ODN Revenue, Gross Margin and Market Share (2018-2023)

7.1.5 Sarepta Therapeutics Recent Developments/Updates

7.1.6 Sarepta Therapeutics Competitive Strengths & Weaknesses

7.2 Ionis Pharmaceuticals

7.2.1 Ionis Pharmaceuticals Details

7.2.2 Ionis Pharmaceuticals Major Business

- 7.2.3 Ionis Pharmaceuticals Antisense ODN Product and Services
- 7.2.4 Ionis Pharmaceuticals Antisense ODN Revenue, Gross Margin and Market Share (2018-2023)
- 7.2.5 Ionis Pharmaceuticals Recent Developments/Updates
- 7.2.6 Ionis Pharmaceuticals Competitive Strengths & Weaknesses
- 7.3 Biogen
  - 7.3.1 Biogen Details
  - 7.3.2 Biogen Major Business
  - 7.3.3 Biogen Antisense ODN Product and Services
  - 7.3.4 Biogen Antisense ODN Revenue, Gross Margin and Market Share (2018-2023)
  - 7.3.5 Biogen Recent Developments/Updates
  - 7.3.6 Biogen Competitive Strengths & Weaknesses
- 7.4 Nippon Shinyaku
  - 7.4.1 Nippon Shinyaku Details
  - 7.4.2 Nippon Shinyaku Major Business
  - 7.4.3 Nippon Shinyaku Antisense ODN Product and Services
  - 7.4.4 Nippon Shinyaku Antisense ODN Revenue, Gross Margin and Market Share (2018-2023)
  - 7.4.5 Nippon Shinyaku Recent Developments/Updates
  - 7.4.6 Nippon Shinyaku Competitive Strengths & Weaknesses
- 7.5 Sobi
  - 7.5.1 Sobi Details
  - 7.5.2 Sobi Major Business
  - 7.5.3 Sobi Antisense ODN Product and Services
  - 7.5.4 Sobi Antisense ODN Revenue, Gross Margin and Market Share (2018-2023)
  - 7.5.5 Sobi Recent Developments/Updates
  - 7.5.6 Sobi Competitive Strengths & Weaknesses
- 7.6 Jazz Pharmaceuticals
  - 7.6.1 Jazz Pharmaceuticals Details
  - 7.6.2 Jazz Pharmaceuticals Major Business
  - 7.6.3 Jazz Pharmaceuticals Antisense ODN Product and Services
  - 7.6.4 Jazz Pharmaceuticals Antisense ODN Revenue, Gross Margin and Market Share (2018-2023)
  - 7.6.5 Jazz Pharmaceuticals Recent Developments/Updates
  - 7.6.6 Jazz Pharmaceuticals Competitive Strengths & Weaknesses

## **8 INDUSTRY CHAIN ANALYSIS**

### **8.1 Antisense ODN Industry Chain**



- 8.2 Antisense ODN Upstream Analysis
- 8.3 Antisense ODN Midstream Analysis
- 8.4 Antisense ODN 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 Antisense ODN Revenue by Region (2018, 2022 and 2029) & (USD Million), (by Headquarter Location)

Table 2. World Antisense ODN Revenue by Region (2018-2023) & (USD Million), (by Headquarter Location)

Table 3. World Antisense ODN Revenue by Region (2024-2029) & (USD Million), (by Headquarter Location)

Table 4. World Antisense ODN Revenue Market Share by Region (2018-2023), (by Headquarter Location)

Table 5. World Antisense ODN Revenue Market Share by Region (2024-2029), (by Headquarter Location)

Table 6. Major Market Trends

Table 7. World Antisense ODN Consumption Value Growth Rate Forecast by Region (2018 & 2022 & 2029) & (USD Million)

Table 8. World Antisense ODN Consumption Value by Region (2018-2023) & (USD Million)

Table 9. World Antisense ODN Consumption Value Forecast by Region (2024-2029) & (USD Million)

Table 10. World Antisense ODN Revenue by Player (2018-2023) & (USD Million)

Table 11. Revenue Market Share of Key Antisense ODN Players in 2022

Table 12. World Antisense ODN Industry Rank of Major Player, Based on Revenue in 2022

Table 13. Global Antisense ODN Company Evaluation Quadrant

Table 14. Head Office of Key Antisense ODN Player

Table 15. Antisense ODN Market: Company Product Type Footprint

Table 16. Antisense ODN Market: Company Product Application Footprint

Table 17. Antisense ODN Mergers & Acquisitions Activity

Table 18. United States VS China Antisense ODN Market Size Comparison, (2018 & 2022 & 2029) & (USD Million)

Table 19. United States VS China Antisense ODN Consumption Value Comparison, (2018 & 2022 & 2029) & (USD Million)

Table 20. United States Based Antisense ODN Companies, Headquarters (States, Country)

Table 21. United States Based Companies Antisense ODN Revenue, (2018-2023) & (USD Million)

Table 22. United States Based Companies Antisense ODN Revenue Market Share

(2018-2023)

Table 23. China Based Antisense ODN Companies, Headquarters (Province, Country)

Table 24. China Based Companies Antisense ODN Revenue, (2018-2023) & (USD Million)

Table 25. China Based Companies Antisense ODN Revenue Market Share (2018-2023)

Table 26. Rest of World Based Antisense ODN Companies, Headquarters (States, Country)

Table 27. Rest of World Based Companies Antisense ODN Revenue, (2018-2023) & (USD Million)

Table 28. Rest of World Based Companies Antisense ODN Revenue Market Share (2018-2023)

Table 29. World Antisense ODN Market Size by Type, (USD Million), 2018 & 2022 & 2029

Table 30. World Antisense ODN Market Size by Type (2018-2023) & (USD Million)

Table 31. World Antisense ODN Market Size by Type (2024-2029) & (USD Million)

Table 32. World Antisense ODN Market Size by Application, (USD Million), 2018 & 2022 & 2029

Table 33. World Antisense ODN Market Size by Application (2018-2023) & (USD Million)

Table 34. World Antisense ODN Market Size by Application (2024-2029) & (USD Million)

Table 35. Sarepta Therapeutics Basic Information, Area Served and Competitors

Table 36. Sarepta Therapeutics Major Business

Table 37. Sarepta Therapeutics Antisense ODN Product and Services

Table 38. Sarepta Therapeutics Antisense ODN Revenue, Gross Margin and Market Share (2018-2023) & (USD Million)

Table 39. Sarepta Therapeutics Recent Developments/Updates

Table 40. Sarepta Therapeutics Competitive Strengths & Weaknesses

Table 41. Ionis Pharmaceuticals Basic Information, Area Served and Competitors

Table 42. Ionis Pharmaceuticals Major Business

Table 43. Ionis Pharmaceuticals Antisense ODN Product and Services

Table 44. Ionis Pharmaceuticals Antisense ODN Revenue, Gross Margin and Market Share (2018-2023) & (USD Million)

Table 45. Ionis Pharmaceuticals Recent Developments/Updates

Table 46. Ionis Pharmaceuticals Competitive Strengths & Weaknesses

Table 47. Biogen Basic Information, Area Served and Competitors

Table 48. Biogen Major Business

Table 49. Biogen Antisense ODN Product and Services

Table 50. Biogen Antisense ODN Revenue, Gross Margin and Market Share

(2018-2023) & (USD Million)

Table 51. Biogen Recent Developments/Updates

Table 52. Biogen Competitive Strengths & Weaknesses

Table 53. Nippon Shinyaku Basic Information, Area Served and Competitors

Table 54. Nippon Shinyaku Major Business

Table 55. Nippon Shinyaku Antisense ODN Product and Services

Table 56. Nippon Shinyaku Antisense ODN Revenue, Gross Margin and Market Share (2018-2023) & (USD Million)

Table 57. Nippon Shinyaku Recent Developments/Updates

Table 58. Nippon Shinyaku Competitive Strengths & Weaknesses

Table 59. Sobi Basic Information, Area Served and Competitors

Table 60. Sobi Major Business

Table 61. Sobi Antisense ODN Product and Services

Table 62. Sobi Antisense ODN Revenue, Gross Margin and Market Share (2018-2023) & (USD Million)

Table 63. Sobi Recent Developments/Updates

Table 64. Jazz Pharmaceuticals Basic Information, Area Served and Competitors

Table 65. Jazz Pharmaceuticals Major Business

Table 66. Jazz Pharmaceuticals Antisense ODN Product and Services

Table 67. Jazz Pharmaceuticals Antisense ODN Revenue, Gross Margin and Market Share (2018-2023) & (USD Million)

Table 68. Global Key Players of Antisense ODN Upstream (Raw Materials)

Table 69. Antisense ODN Typical Customers

## **LIST OF FIGURE**

Figure 1. Antisense ODN Picture

Figure 2. World Antisense ODN Total Market Size: 2018 & 2022 & 2029, (USD Million)

Figure 3. World Antisense ODN Total Market Size (2018-2029) & (USD Million)

Figure 4. World Antisense ODN Revenue Market Share by Region (2018, 2022 and 2029) & (USD Million) , (by Headquarter Location)

Figure 5. World Antisense ODN Revenue Market Share by Region (2018-2029), (by Headquarter Location)

Figure 6. United States Based Company Antisense ODN Revenue (2018-2029) & (USD Million)

Figure 7. China Based Company Antisense ODN Revenue (2018-2029) & (USD Million)

Figure 8. Europe Based Company Antisense ODN Revenue (2018-2029) & (USD Million)

Figure 9. Japan Based Company Antisense ODN Revenue (2018-2029) & (USD Million)

Figure 10. South Korea Based Company Antisense ODN Revenue (2018-2029) & (USD Million)

Figure 11. ASEAN Based Company Antisense ODN Revenue (2018-2029) & (USD Million)

Figure 12. India Based Company Antisense ODN Revenue (2018-2029) & (USD Million)

Figure 13. Antisense ODN Market Drivers

Figure 14. Factors Affecting Demand

Figure 15. World Antisense ODN Consumption Value (2018-2029) & (USD Million)

Figure 16. World Antisense ODN Consumption Value Market Share by Region (2018-2029)

Figure 17. United States Antisense ODN Consumption Value (2018-2029) & (USD Million)

Figure 18. China Antisense ODN Consumption Value (2018-2029) & (USD Million)

Figure 19. Europe Antisense ODN Consumption Value (2018-2029) & (USD Million)

Figure 20. Japan Antisense ODN Consumption Value (2018-2029) & (USD Million)

Figure 21. South Korea Antisense ODN Consumption Value (2018-2029) & (USD Million)

Figure 22. ASEAN Antisense ODN Consumption Value (2018-2029) & (USD Million)

Figure 23. India Antisense ODN Consumption Value (2018-2029) & (USD Million)

Figure 24. Producer Shipments of Antisense ODN by Player Revenue (\$MM) and Market Share (%): 2022

Figure 25. Global Four-firm Concentration Ratios (CR4) for Antisense ODN Markets in 2022

Figure 26. Global Four-firm Concentration Ratios (CR8) for Antisense ODN Markets in 2022

Figure 27. United States VS China: Antisense ODN Revenue Market Share Comparison (2018 & 2022 & 2029)

Figure 28. United States VS China: Antisense ODN Consumption Value Market Share Comparison (2018 & 2022 & 2029)

Figure 29. World Antisense ODN Market Size by Type, (USD Million), 2018 & 2022 & 2029

Figure 30. World Antisense ODN Market Size Market Share by Type in 2022

Figure 31. With Chemical Modification

Figure 32. Without Chemical Modification

Figure 33. World Antisense ODN Market Size Market Share by Type (2018-2029)

Figure 34. World Antisense ODN Market Size by Application, (USD Million), 2018 & 2022 & 2029

Figure 35. World Antisense ODN Market Size Market Share by Application in 2022

Figure 36. Neuromuscular Diseases

Figure 37. hATTR

Figure 38. Other

Figure 39. Antisense ODN Industrial Chain

Figure 40. Methodology

Figure 41. Research Process and Data Source

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