

# **Global Aptamers Market Size study, by Type (DNA Aptamers, XNA Aptamers, RNA Aptamers), by Technology (SELEX, Others), by Application (Therapeutics Development, Research & Development, Diagnostic, Others), by End User (Pharmaceutical & Biotechnology Companies, Academic & Government Research Institutes, CROs, Others), and Regional Forecasts 2021-2027**

<https://marketpublishers.com/r/GBD09029E0C8EN.html>

Date: November 2021

Pages: 200

Price: US\$ 4,950.00 (Single User License)

ID: GBD09029E0C8EN

## **Abstracts**

Global aptamers market is valued approximately at USD 128.3 million in 2020 and is anticipated to grow with a healthy growth rate of about 17.7% over the forecast period 2021-2027. Aptamers refer to single-stranded oligonucleotides that can fold into defined architectures and also bind to targets like proteins. During the process of binding proteins, these often inhibits interactions of protein – protein and thereby can elicit therapeutic effects such as antagonism. The global aptamers market is being driven by investments in pharmaceutical research and development and rising prevalence of chronic and rare diseases. Furthermore, venture capital funding will provide new opportunities for the global aptamers industry. According to Statista, the total spending on pharmaceutical research and development across the globe is expected to increase from USD 137 billion in 2012 to USD 200 billion in 2020. Such growth in the pharmaceutical research and development spending across the globe is expected to increase the demand and adoption of aptamers as these are used as biological receptors in test systems, assays, or biosensors to measure these pharmaceuticals in solutions. Hence, this is expected to promote the market growth. However, low market acceptance as compared to antibodies may impede market growth over the forecast period of 2021-2027.

The regional analysis of the global aptamers market is considered for the key regions such as Asia Pacific, North America, Europe, Latin America, and Rest of the World. North America accounts for the largest share in terms of market revenue in the global aptamers market over the forecast period 2021-2027. Factors such as development of innovative technologies, presence of prominent market players, rising research and development activities, etc. contribute towards the largest market share of the region in the forecast years.

Major market player included in this report are:

Aptamer Group  
Raptamer Discovery Group  
SomaLogic Inc.  
Aptagen, LLC  
Maravai Lifesciences  
Kaneka Corporation  
NeoVentures Biotechnology Inc.  
Aptus Biotech  
Base Pair Biotechnologies  
AMSBIO

The objective of the study is to define market sizes of different segments & countries in recent years and to forecast the values to the coming eight years. The report is designed to incorporate both qualitative and quantitative aspects of the industry within each of the regions and countries involved in the study. Furthermore, the report also caters the detailed information about the crucial aspects such as driving factors & challenges which will define the future growth of the market. Additionally, the report shall also incorporate available opportunities in micro markets for stakeholders to invest along with the detailed analysis of competitive landscape and product offerings of key players. The detailed segments and sub-segment of the market are explained below:

By Type:

DNA Aptamers  
XNA Aptamers  
RNA Aptamers

By Technology:

SELEX  
Others

By Application:

Therapeutics Development

Research & Development

Diagnostic

Others

By End User:

Pharmaceutical & Biotechnology Companies

Academic & Government Research Institutes

CROs

Others

By Region:

North America

U.S.

Canada

Europe

UK

Germany

France

Spain

Italy

ROE

Asia Pacific

China

India

Japan

Australia

South Korea

RoAPAC

Latin America

Brazil

Mexico

Rest of the World

Furthermore, years considered for the study are as follows:

Historical year – 2018, 2019

Base year – 2020

Forecast period – 2021 to 2027.

Target Audience of the Global Aptamers Market in Market Study:

Key Consulting Companies & Advisors

Large, medium-sized, and small enterprises

Venture capitalists

Value-Added Resellers (VARs)

Third-party knowledge providers

Investment bankers

Investors

## Contents

### **CHAPTER 1. EXECUTIVE SUMMARY**

- 1.1. Market Snapshot
- 1.2. Global & Segmental Market Estimates & Forecasts, 2019-2027 (USD Million)
  - 1.2.1. Aptamers Market, by Region, 2019-2027 (USD Million)
  - 1.2.2. Aptamers Market, by Type, 2019-2027 (USD Million)
  - 1.2.3. Aptamers Market, by Technology, 2019-2027 (USD Million)
  - 1.2.4. Aptamers Market, by Application, 2019-2027 (USD Million)
  - 1.2.5. Aptamers Market, by End User, 2019-2027 (USD Million)
- 1.3. Key Trends
- 1.4. Estimation Methodology
- 1.5. Research Assumption

### **CHAPTER 2. GLOBAL APTAMERS MARKET DEFINITION AND SCOPE**

- 2.1. Objective of the Study
- 2.2. Market Definition & Scope
  - 2.2.1. Scope of the Study
  - 2.2.2. Industry Evolution
- 2.3. Years Considered for the Study
- 2.4. Currency Conversion Rates

### **CHAPTER 3. GLOBAL APTAMERS MARKET DYNAMICS**

- 3.1. Aptamers Market Impact Analysis (2019-2027)
  - 3.1.1. Market Drivers
    - 3.1.1.1. Investments in pharmaceutical R&D
    - 3.1.1.2. Rising prevalence of chronic and rare diseases
  - 3.1.2. Market Restraint
    - 3.1.2.1. Low market acceptance as compared to antibodies
  - 3.1.3. Market Opportunities

### **CHAPTER 4. VENTURE CAPITAL FUNDING GLOBAL APTAMERS MARKET INDUSTRY ANALYSIS**

- 4.1. Porter's 5 Force Model
  - 4.1.1. Bargaining Power of Suppliers

- 4.1.2. Bargaining Power of Buyers
- 4.1.3. Threat of New Entrants
- 4.1.4. Threat of Substitutes
- 4.1.5. Competitive Rivalry
- 4.1.6. Futuristic Approach to Porter's 5 Force Model (2018-2027)
- 4.2. PEST Analysis
  - 4.2.1. Political
  - 4.2.2. Economical
  - 4.2.3. Social
  - 4.2.4. Technological
- 4.3. Investment Adoption Model
- 4.4. Analyst Recommendation & Conclusion

## **CHAPTER 5. GLOBAL APTAMERS MARKET, BY TYPE**

- 5.1. Market Snapshot
- 5.2. Global Aptamers Market by Type, Performance - Potential Analysis
- 5.3. Global Aptamers Market Estimates & Forecasts by Type 2018-2027 (USD Million)
- 5.4. Aptamers Market, Sub Segment Analysis
  - 5.4.1. DNA Aptamers
  - 5.4.2. XNA Aptamers
  - 5.4.3. RNA Aptamers

## **CHAPTER 6. GLOBAL APTAMERS MARKET, BY TECHNOLOGY**

- 6.1. Market Snapshot
- 6.2. Global Aptamers Market by Technology, Performance - Potential Analysis
- 6.3. Global Aptamers Market Estimates & Forecasts by Technology 2018-2027 (USD Million)
- 6.4. Aptamers Market, Sub Segment Analysis
  - 6.4.1. SELEX
  - 6.4.2. Others

## **CHAPTER 7. GLOBAL APTAMERS MARKET, BY APPLICATION**

- 7.1. Market Snapshot
- 7.2. Global Aptamers Market by Application, Performance - Potential Analysis
- 7.3. Global Aptamers Market Estimates & Forecasts by Application 2018-2027 (USD Million)

#### 7.4. Aptamers Market, Sub Segment Analysis

- 7.4.1. Therapeutics Development
- 7.4.2. Research & Development
- 7.4.3. Diagnostic
- 7.4.4. Others

### **CHAPTER 8. GLOBAL APTAMERS MARKET, BY END USER**

#### 8.1. Market Snapshot

#### 8.2. Global Aptamers Market by End User, Performance - Potential Analysis

#### 8.3. Global Aptamers Market Estimates & Forecasts by End User 2018-2027 (USD Million)

#### 8.4. Aptamers Market, Sub Segment Analysis

- 8.4.1. Pharmaceutical & Biotechnology Companies
- 8.4.2. Academic & Government Research Institutes
- 8.4.3. CROs
- 8.4.4. Others

### **CHAPTER 9. GLOBAL APTAMERS MARKET, REGIONAL ANALYSIS**

#### 9.1. Aptamers Market, Regional Market Snapshot

#### 9.2. North America Aptamers Market

##### 9.2.1. U.S. Aptamers Market

###### 9.2.1.1. Type breakdown estimates & forecasts, 2018-2027

###### 9.2.1.2. Technology breakdown estimates & forecasts, 2018-2027

###### 9.2.1.3. Application breakdown estimates & forecasts, 2018-2027

###### 9.2.1.4. End User breakdown estimates & forecasts, 2018-2027

##### 9.2.2. Canada Aptamers Market

#### 9.3. Europe Aptamers Market Snapshot

##### 9.3.1. U.K. Aptamers Market

##### 9.3.2. Germany Aptamers Market

##### 9.3.3. France Aptamers Market

##### 9.3.4. Spain Aptamers Market

##### 9.3.5. Italy Aptamers Market

##### 9.3.6. Rest of Europe Aptamers Market

#### 9.4. Asia-Pacific Aptamers Market Snapshot

##### 9.4.1. China Aptamers Market

##### 9.4.2. India Aptamers Market

##### 9.4.3. Japan Aptamers Market

- 9.4.4. Australia Aptamers Market
- 9.4.5. South Korea Aptamers Market
- 9.4.6. Rest of Asia Pacific Aptamers Market
- 9.5. Latin America Aptamers Market Snapshot
  - 9.5.1. Brazil Aptamers Market
  - 9.5.2. Mexico Aptamers Market
- 9.6. Rest of The World Aptamers Market

## **CHAPTER 10. COMPETITIVE INTELLIGENCE**

- 10.1. Top Market Strategies
- 10.2. Company Profiles
  - 10.2.1. Aptamer Group
    - 10.2.1.1. Key Information
    - 10.2.1.2. Overview
    - 10.2.1.3. Financial (Subject to Data Availability)
    - 10.2.1.4. Product Summary
    - 10.2.1.5. Recent Developments
  - 10.2.2. Raptamer Discovery Group
  - 10.2.3. SomaLogic Inc.
  - 10.2.4. Aptagen, LLC
  - 10.2.5. Maravai Lifesciences
  - 10.2.6. Kaneka Corporation
  - 10.2.7. NeoVentures Biotechnology Inc.
  - 10.2.8. Aptus Biotech
  - 10.2.9. Base Pair Biotechnologies
  - 10.2.10. AMSBIO

## **CHAPTER 11. RESEARCH PROCESS**

- 11.1. Research Process
  - 11.1.1. Data Mining
  - 11.1.2. Analysis
  - 11.1.3. Market Estimation
  - 11.1.4. Validation
  - 11.1.5. Publishing
- 11.2. Research Attributes
- 11.3. Research Assumption



## List Of Tables

### LIST OF TABLES

TABLE 1. Global Aptamers Market, report scope

TABLE 2. Global Aptamers Market estimates & forecasts by region 2018-2027 (USD Million)

TABLE 3. Global Aptamers Market estimates & forecasts by Type 2018-2027 (USD Million)

TABLE 4. Global Aptamers Market estimates & forecasts by Technology 2018-2027 (USD Million)

TABLE 5. Global Aptamers Market estimates & forecasts by Application 2018-2027 (USD Million)

TABLE 6. Global Aptamers Market estimates & forecasts by End User 2018-2027 (USD Million)

TABLE 7. Global Aptamers Market by segment, estimates & forecasts, 2018-2027 (USD Million)

TABLE 8. Global Aptamers Market by region, estimates & forecasts, 2018-2027 (USD Million)

TABLE 9. Global Aptamers Market by segment, estimates & forecasts, 2018-2027 (USD Million)

TABLE 10. Global Aptamers Market by region, estimates & forecasts, 2018-2027 (USD Million)

TABLE 11. Global Aptamers Market by segment, estimates & forecasts, 2018-2027 (USD Million)

TABLE 12. Global Aptamers Market by region, estimates & forecasts, 2018-2027 (USD Million)

TABLE 13. Global Aptamers Market by segment, estimates & forecasts, 2018-2027 (USD Million)

TABLE 14. Global Aptamers Market by region, estimates & forecasts, 2018-2027 (USD Million)

TABLE 15. Global Aptamers Market by segment, estimates & forecasts, 2018-2027 (USD Million)

TABLE 16. Global Aptamers Market by region, estimates & forecasts, 2018-2027 (USD Million)

TABLE 17. Global Aptamers Market by segment, estimates & forecasts, 2018-2027 (USD Million)

TABLE 18. Global Aptamers Market by region, estimates & forecasts, 2018-2027 (USD Million)

TABLE 19. Global Aptamers Market by segment, estimates & forecasts, 2018-2027 (USD Million)

TABLE 20. Global Aptamers Market by region, estimates & forecasts, 2018-2027 (USD Million)

TABLE 21. Global Aptamers Market by segment, estimates & forecasts, 2018-2027 (USD Million)

TABLE 22. Global Aptamers Market by region, estimates & forecasts, 2018-2027 (USD Million)

TABLE 23. U.S. Aptamers Market estimates & forecasts, 2018-2027 (USD Million)

TABLE 24. U.S. Aptamers Market estimates & forecasts by segment 2018-2027 (USD Million)

TABLE 25. U.S. Aptamers Market estimates & forecasts by segment 2018-2027 (USD Million)

TABLE 26. Canada Aptamers Market estimates & forecasts, 2018-2027 (USD Million)

TABLE 27. Canada Aptamers Market estimates & forecasts by segment 2018-2027 (USD Million)

TABLE 28. Canada Aptamers Market estimates & forecasts by segment 2018-2027 (USD Million)

TABLE 29. UK Aptamers Market estimates & forecasts, 2018-2027 (USD Million)

TABLE 30. UK Aptamers Market estimates & forecasts by segment 2018-2027 (USD Million)

TABLE 31. UK Aptamers Market estimates & forecasts by segment 2018-2027 (USD Million)

TABLE 32. Germany Aptamers Market estimates & forecasts, 2018-2027 (USD Million)

TABLE 33. Germany Aptamers Market estimates & forecasts by segment 2018-2027 (USD Million)

TABLE 34. Germany Aptamers Market estimates & forecasts by segment 2018-2027 (USD Million)

TABLE 35. France Aptamers Market estimates & forecasts, 2018-2027 (USD Million)

TABLE 36. France Aptamers Market estimates & forecasts by segment 2018-2027 (USD Million)

TABLE 37. France Aptamers Market estimates & forecasts by segment 2018-2027 (USD Million)

TABLE 38. Spain Aptamers Market estimates & forecasts, 2018-2027 (USD Million)

TABLE 39. Spain Aptamers Market estimates & forecasts by segment 2018-2027 (USD Million)

TABLE 40. Spain Aptamers Market estimates & forecasts by segment 2018-2027 (USD Million)

TABLE 41. Italy Aptamers Market estimates & forecasts, 2018-2027 (USD Million)

TABLE 42. Italy Aptamers Market estimates & forecasts by segment 2018-2027 (USD Million)

TABLE 43. Italy Aptamers Market estimates & forecasts by segment 2018-2027 (USD Million)

TABLE 44. ROE Aptamers Market estimates & forecasts, 2018-2027 (USD Million)

TABLE 45. ROE Aptamers Market estimates & forecasts by segment 2018-2027 (USD Million)

TABLE 46. ROE Aptamers Market estimates & forecasts by segment 2018-2027 (USD Million)

TABLE 47. China Aptamers Market estimates & forecasts, 2018-2027 (USD Million)

TABLE 48. China Aptamers Market estimates & forecasts by segment 2018-2027 (USD Million)

TABLE 49. China Aptamers Market estimates & forecasts by segment 2018-2027 (USD Million)

TABLE 50. India Aptamers Market estimates & forecasts, 2018-2027 (USD Million)

TABLE 51. India Aptamers Market estimates & forecasts by segment 2018-2027 (USD Million)

TABLE 52. India Aptamers Market estimates & forecasts by segment 2018-2027 (USD Million)

TABLE 53. Japan Aptamers Market estimates & forecasts, 2018-2027 (USD Million)

TABLE 54. Japan Aptamers Market estimates & forecasts by segment 2018-2027 (USD Million)

TABLE 55. Japan Aptamers Market estimates & forecasts by segment 2018-2027 (USD Million)

TABLE 56. Australia Aptamers Market estimates & forecasts, 2018-2027 (USD Million)

TABLE 57. Australia Aptamers Market estimates & forecasts by segment 2018-2027 (USD Million)

TABLE 58. Australia Aptamers Market estimates & forecasts by segment 2018-2027 (USD Million)

TABLE 59. South Korea Aptamers Market estimates & forecasts, 2018-2027 (USD Million)

TABLE 60. South Korea Aptamers Market estimates & forecasts by segment 2018-2027 (USD Million)

TABLE 61. South Korea Aptamers Market estimates & forecasts by segment 2018-2027 (USD Million)

TABLE 62. ROPAC Aptamers Market estimates & forecasts, 2018-2027 (USD Million)

TABLE 63. ROPAC Aptamers Market estimates & forecasts by segment 2018-2027 (USD Million)

TABLE 64. ROPAC Aptamers Market estimates & forecasts by segment 2018-2027

(USD Million)

TABLE 65. Brazil Aptamers Market estimates & forecasts, 2018-2027 (USD Million)

TABLE 66. Brazil Aptamers Market estimates & forecasts by segment 2018-2027 (USD Million)

TABLE 67. Brazil Aptamers Market estimates & forecasts by segment 2018-2027 (USD Million)

TABLE 68. Mexico Aptamers Market estimates & forecasts, 2018-2027 (USD Million)

TABLE 69. Mexico Aptamers Market estimates & forecasts by segment 2018-2027 (USD Million)

TABLE 70. Mexico Aptamers Market estimates & forecasts by segment 2018-2027 (USD Million)

TABLE 71. ROLA Aptamers Market estimates & forecasts, 2018-2027 (USD Million)

TABLE 72. ROLA Aptamers Market estimates & forecasts by segment 2018-2027 (USD Million)

TABLE 73. ROLA Aptamers Market estimates & forecasts by segment 2018-2027 (USD Million)

TABLE 74. ROW Aptamers Market estimates & forecasts, 2018-2027 (USD Million)

TABLE 75. ROW Aptamers Market estimates & forecasts by segment 2018-2027 (USD Million)

TABLE 76. ROW Aptamers Market estimates & forecasts by segment 2018-2027 (USD Million)

TABLE 77. List of secondary sources used in the study of global Aptamers Market.

TABLE 78. List of primary sources used in the study of global Aptamers Market.

TABLE 79. Years considered for the study.

TABLE 80. Exchange rates considered.

## List Of Figures

### LIST OF FIGURES

- FIG 1. Global Aptamers Market, research methodology
- FIG 2. Global Aptamers Market, market estimation techniques
- FIG 3. Global market size estimates & forecast methods
- FIG 4. Global Aptamers Market, key trends 2020
- FIG 5. Global Aptamers Market, growth prospects 2021-2027
- FIG 6. Global Aptamers Market, porters 5 force model
- FIG 7. Global Aptamers Market, pest analysis
- FIG 8. Global Aptamers Market, value chain analysis
- FIG 9. Global Aptamers Market by segment, 2018 & 2027 (USD Million)
- FIG 10. Global Aptamers Market by segment, 2018 & 2027 (USD Million)
- FIG 11. Global Aptamers Market by segment, 2018 & 2027 (USD Million)
- FIG 12. Global Aptamers Market by segment, 2018 & 2027 (USD Million)
- FIG 13. Global Aptamers Market by segment, 2018 & 2027 (USD Million)
- FIG 14. Global Aptamers Market by segment, 2018 & 2027 (USD Million)
- FIG 15. Global Aptamers Market by segment, 2018 & 2027 (USD Million)
- FIG 16. Global Aptamers Market by segment, 2018 & 2027 (USD Million)
- FIG 17. Global Aptamers Market, regional snapshot 2018 & 2027
- FIG 18. North America Aptamers Market 2018 & 2027 (USD Million)
- FIG 19. Europe Aptamers Market 2018 & 2027 (USD Million)
- FIG 20. Asia-Pacific Aptamers Market 2018 & 2027 (USD Million)
- FIG 21. Latin America Aptamers Market 2018 & 2027 (USD Million)
- FIG 22. Global Aptamers Market, company market share analysis (2020)

## I would like to order

Product name: Global Aptamers Market Size study, by Type (DNA Aptamers, XNA Aptamers, RNA Aptamers), by Technology (SELEX, Others), by Application (Therapeutics Development, Research & Development, Diagnostic, Others), by End User (Pharmaceutical & Biotechnology Companies, Academic & Government Research Institutes, CROs, Others), and Regional Forecasts 2021-2027

Product link: <https://marketpublishers.com/r/GBD09029E0C8EN.html>

Price: US\$ 4,950.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

[info@marketpublishers.com](mailto:info@marketpublishers.com)

## Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/GBD09029E0C8EN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:  
Last name:  
Email:  
Company:  
Address:  
City:  
Zip code:  
Country:  
Tel:  
Fax:  
Your message:

**\*\*All fields are required**

Customer signature \_\_\_\_\_

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below  
and fax the completed form to +44 20 7900 3970