

# Aptamer Market Report: Trends, Forecast and Competitive Analysis

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## Abstracts

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The future of the global aptamer market looks promising with opportunities in diagnostic, therapeutic development, and research & development applications. The global aptamer market is expected to grow with a CAGR of 18%-20% from 2020 to 2025. The major drivers for this market are increasing research and development activities in biotechnology and pharmaceutical companies and the low cost and high efficiency of aptamers as compared to antibodies.

A total of XX figures / charts and XX tables are provided in this more than 150-page report to help in your business decisions. Sample figures with some insights are shown below. To learn the scope, benefits, companies researched, and other details of the global aptamer market report, please download the report brochure.

In this market, nucleic aptamer is the largest type segment of aptamer, whereas diagnostics is the largest application. Growth in various segments of the aptamer market are given below:

The study includes trends and forecast for the global aptamer market by type, technology, application, end user, and region as follows:

By Type [Value (\$ Million) shipment analysis for 2014 – 2025]:

Nucleic Acid Aptamers

DNA-Based Aptamers

RNA-Based Aptamers

XNA-Based Aptamers

Peptide Aptamers

By Technology [Value (\$ Million) shipment analysis for 2014 – 2025]:

Systemic Evolution of Ligands by Exponential Enrichment (SELEX)

Other Technologies

By Application [Value (\$ Million) shipment analysis for 2014 – 2025]:

Diagnostics

Therapeutic Development

Research and Development

Other Applications

By End User [Value (\$ Million) shipment analysis for 2014 – 2025]:

Academic and Government Research Institutes

Biotechnology and Pharmaceutical Companies

Contract Research Organizations

Other End Users

By Region [Value (\$ Million) shipment analysis for 2014 – 2025]:

## North America

United States

Canada

Mexico

## Europe

United Kingdom

Germany

France

## Asia Pacific

China

India

Japan

## The Rest of the World

Brazil

Some of the aptamer companies profiled in this report include AM Biotechnologies, Aptagen, Aptamer Sciences, Aptamer Solutions, Aptus Biotech, Base Pair Biotechnologies, NeoVentures Biotechnology, SomaLogic, TriLink BioTechnologies, and Vivonics.

Lucintel forecasts that nucleic aptamers will remain the largest type segment over the forecast period, as it has better thermodynamic and chemical stability as compared to peptide therapeutics.

Within this market, diagnostics will remain the largest application segment over the

forecast period due to increasing prevalence of chronic diseases.

North America will remain the largest region over the forecast period due to increasing investment by biotechnology and pharmaceutical industries in research and development activities related to aptamers and increasing number of research laboratories in the region.

### Features of the Global Aptamer Market

**Market Size Estimates:** Global aptamer market size estimation in terms of value (\$M) shipment.

**Trend and Forecast Analysis:** Market trends (2014-2019) and forecast (2020-2025) by various segments.

**Segmentation Analysis:** Global aptamer market size by various segments, such as type, technology, application, and end user in terms of value.

**Regional Analysis:** Global aptamer market breakdown by North America, Europe, Asia Pacific, and Rest of the World.

**Growth Opportunities:** Analysis of growth opportunities in different type, technology, application, end user, and region for the global aptamer market.

**Strategic Analysis:** This includes M&A, new product development, and competitive landscape of the global aptamer market.

**Analysis of competitive intensity of the industry based on Porter's Five Forces model.**

This report answers following key questions

Q.1 What are some of the most promising potential, high-growth opportunities for the global aptamer market by type (nucleic acid aptamers [DNA-based aptamers, RNA-based aptamers, and XNA-based aptamers] and peptide aptamers), technology (SELEX and other technologies), application (diagnostics, therapeutic development, research and development, and other applications), end user (academic and government research institutes, biotechnology and pharmaceutical companies, contract

research organizations, and other end users), and region (North America, Europe, Asia Pacific, and Rest of the World)?

Q.2 Which segments will grow at a faster pace and why?

Q.3 Which region will grow at a faster pace and why?

Q.4 What are the key factors affecting market dynamics? What are the drivers and challenges of the global aptamer market?

Q.5 What are the business risks and threats to the global aptamer market?

Q.6 What are the emerging trends in this aptamer market and the reasons behind them?

Q.7 What are some changing demands of customers in this aptamer market?

Q.8 What are the new developments in this aptamer market? Which companies are leading these developments?

Q.9 Who are the major players in this aptamer market? What strategic initiatives are being implemented by key players for business growth?

Q.10 What are some of the competitive products and processes in this aptamer market, and how big of a threat do they pose for loss of market share via material or product substitution?

Q.11 What M&A activities did take place in the last five years in the global aptamer market?

Report Scope

Key Features Description

Base Year for Estimation 2019

Trend Period

(Actual Estimates) 2014-2019

Forecast Period 2020-2025

Pages More than 150

Market Representation / Units Revenue in US \$ Million

Report Coverage Market Trends & Forecasts, Competitor Analysis, New Product Development, Company Expansion, Merger, Acquisitions & Joint Venture, and Company Profiling

Market Segments Type (Nucleic Acid Aptamers (DNA-Based Aptamers, RNA-Based Aptamers, and XNA-Based Aptamers) and Peptide Aptamers), Technology (SELEX and Other Technologies), Application (Diagnostics, Therapeutic Development, Research & Development, and Other Applications), and End User (Academic & Government Research Institutes, Biotechnology & Pharmaceutical Companies, Contract Research Organizations, and Other End Users)

Regional Scope North America (USA, Mexico, and Canada), Europe (United Kingdom, Germany, and France), Asia (China, India, and Japan), and ROW (Brazil)

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- 8.10: Vivonics, Inc.

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