

# Oligonucleotide Synthesis Market Report: Trends, Forecast and Competitive Analysis

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## Abstracts

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The future of the global oligonucleotide synthesis market looks promising with opportunities in research, diagnostic, and therapeutic applications. The global oligonucleotide synthesis market is expected to grow with a CAGR of 10%-12% from 2020 to 2025. The major drivers for this market are rising research activities in synthetic biology, increasing prevalence of cancer & infectious diseases, and growing demand for innovative and therapeutic techniques.

A total of XX figures / charts and XX tables are provided in this more than 150-pages 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 oligonucleotide synthesis market report, please download the report brochure.

In this market, synthesized oligonucleotides is the largest offering of oligonucleotide synthesis, whereas hospitals is the largest application. Growth in various segments of the oligonucleotide synthesis market are given below:

The study includes trends and forecast for the global oligonucleotide synthesis market by offering, application, end user, and region as follows:

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

Synthesized Oligonucleotides  
Products  
Oligonucleotide-Based  
Drugs  
Primers  
Probes  
Large-Scale Synthesis  
Oligonucleotides  
Intermediate-Scale  
Synthesis  
Oligonucleotides  
Linkers & Adaptors  
Services  
Custom Oligonucleotides  
Pre-

## Designed Oligonucleotides Reagents & Consumables Equipment

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

Research PCR (Polymerase Chain Reaction) qPCR (Quantitative Polymerase Chain Reaction) Sequencing Gene Synthesis Other Research  
Applications Diagnostics Therapeutics DNA & Antisense Oligonucleotide-Based Therapies RNAi Oligonucleotide-Based Therapies CPG Oligonucleotide-Based Therapies

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

Academic & Research Institutes Pharmaceutical & Biotechnology Companies Diagnostic Laboratories Hospitals

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 oligonucleotide synthesis companies profiled in this report include General Electric, Merck, Eurofins Scientific, Agilent Technologies, LGC Biosearch Technologies, Integrated DNA Technologies, GeneDesign, Nitto Denko Avecia, Trilink Biotechnologies, and Kaneka Eurogentec.

Lucintel forecasts that synthesized oligonucleotides will remain the largest offering segment over the forecast period due to rising research and development activities related to oligonucleotide-based drugs.

Within this market, hospitals will remain the largest end user segment over the forecast period due to a significant number of inpatient and outpatient visits and increasing prevalence of cancer and infectious diseases.

North America will remain the largest region over the forecast period due to rising research and development activities related to life science and the increasing number of oligonucleotide-based drugs/therapies being approved by the FDA (Food and Drug Administration) in the region.

## Features of the Global Oligonucleotide Synthesis Market

**Market Size Estimates:** Global oligonucleotide synthesis 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 oligonucleotide synthesis market size by various segments, such as offering, application, and end user in terms of value. **Regional Analysis:** Global oligonucleotide synthesis market breakdown by the North America, Europe, Asia Pacific, and Rest of the World. **Growth Opportunities:** Analysis of growth opportunities in different offering, application, end user, and region for the global oligonucleotide synthesis market. **Strategic Analysis:** This includes M&A, new product development, and competitive landscape of the global oligonucleotide synthesis 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 oligonucleotide synthesis market by offering (synthesized oligonucleotides (products (oligonucleotide-based drugs, primers, probes, large-scale synthesis oligonucleotides, intermediate-scale synthesis oligonucleotides, and linkers & adaptors), services (custom oligonucleotides and pre-designed oligonucleotides), reagents & consumables, and equipment), application (research (PCR, qPCR, sequencing, gene synthesis, and other research applications), diagnostics, therapeutics (DNA & antisense oligonucleotide-based therapies, RNAi oligonucleotide-based therapies, and CPG oligonucleotide-based therapies)), end user (academic & research institutes, pharmaceutical & biotechnology companies, diagnostic laboratories, and hospitals), 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 oligonucleotide synthesis market?

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

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

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

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

Q.9 Who are the major players in this oligonucleotide synthesis 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 oligonucleotide synthesis 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 oligonucleotide synthesis 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 Offering (Synthesized Oligonucleotides, Reagents & Consumables, and Equipment), Application (Research, Diagnostics, Therapeutics), and End User (Academic & Research Institutes, Pharmaceutical & Biotechnology Companies, Diagnostic Laboratories, and Hospitals)

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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