

Oligonucleotide Synthesis Market: Trends, Opportunities and Competitive Analysis [2023-2028]

<https://marketpublishers.com/r/OE7F172793FBEN.html>

Date: August 2023

Pages: 150

Price: US\$ 4,850.00 (Single User License)

ID: OE7F172793FBEN

Abstracts

It will take 2-3 business days to deliver the report upon receipt the order if any customization is not there.

Oligonucleotide Synthesis Market Trends and Forecast

The future of the global oligonucleotide synthesis market looks promising with opportunities in hospitals, pharmaceutical & biotechnology companies, diagnostic laboratories, CROs and CMOs, and academic research institutes. The global oligonucleotide synthesis market is expected to reach an estimated \$15.8 billion by 2028 with a CAGR of 16.1% from 2023 to 2028. The major drivers for this market are increasing government funding and research investments within the pharmaceutical and biotechnology sectors, rising utilization of synthesized oligonucleotides in molecular diagnostics and clinical applications, and rising incidence of cancer and genetic disorders globally.

A more than 150-page report is developed to help in your business decisions. Sample figures with some insights are shown here.

Oligonucleotide Synthesis Market by Segment

The study includes a forecast for the global oligonucleotide synthesis market by product, application, end use industry, and region, as follows:

Oligonucleotide Synthesis Market by Product [Shipment Analysis by Value from 2017 to 2028]:

Oligonucleotides

Equipment/Synthesizer

Reagents

Services

Purification

Modification

Oligonucleotide Synthesis Market by Application [Shipment Analysis by Value from 2017 to 2028]:

PCR Primers

PCR Assays and Panels

Sequencing

DNA Microarrays

Fluorescence In Situ Hybridization (FISH)

Antisense Oligonucleotides

Others

Oligonucleotide Synthesis Market by End Use Industry [Shipment Analysis by Value from 2017 to 2028]:

Hospitals

Pharmaceutical & Biotechnology Companies

Diagnostic Laboratories

CROs and CMOs

Academic Research Institutes

Oligonucleotide Synthesis Market by Region [Shipment Analysis by Value from 2017 to 2028]:

North America

Europe

Asia Pacific

The Rest of the World

List of Oligonucleotide Synthesis Companies

Companies in the market compete on the basis of product quality offered. Major players in this market focus on expanding their manufacturing facilities, R&D investments, infrastructural development, and leverage integration opportunities across the value chain. With these strategies, oligonucleotide synthesis companies cater to increasing demand, ensure competitive effectiveness, develop innovative products & technologies, reduce production costs, and expand their customer base. Some of the oligonucleotide synthesis companies profiled in this report include-

Thermo Fisher Scientific

GE Healthcare

Dharmacon

Agilent Technologies

Bio-synthesis

Kaneka Eurogentec

Integrated DNA Technologies

BioAutomation

Biolegio

Twist Bioscience

Oligonucleotide Synthesis Market Insights

Lucintel forecasts that oligonucleotide will witness the highest growth over the forecast period due to the rising prevalence of genomic research endeavors, including gene expression analysis and genetic testing, along with the advent of biochips (DNA chips) enabling simultaneous analysis of various clinical samples.

Within this market, academic research institutes will remain the largest segment due to robust genomic research being conducted by universities and academic research institutes either in collaboration with private investors or with government support along with huge investments in the genomic research in developed countries.

North America will remain the largest region over the forecast period due to increasing incidence of chronic diseases and the substantial presence of numerous companies and research institutes in this region.

Features of the Global Oligonucleotide Synthesis Market

Market Size Estimates: Oligonucleotide synthesis market size estimation in terms of value (\$B).

Trend and Forecast Analysis: Market trends (2017 to 2022) and forecast (2023 to 2028) by various segments and regions.

Segmentation Analysis: Oligonucleotide synthesis market size by various segments, such as by product, application, end use industry, and region in terms of value (\$B).

Regional Analysis: Oligonucleotide synthesis market breakdown by North America, Europe, Asia Pacific, and Rest of the World.

Growth Opportunities: Analysis of growth opportunities in different products, applications, end use industries, and regions for the Oligonucleotide Synthesis Market.

Strategic Analysis: This includes M&A, new product development, and competitive landscape of the oligonucleotide synthesis market.

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

FAQ

Q.1 What is the oligonucleotide synthesis market size?

Answer: The global oligonucleotide synthesis market is expected to reach an estimated \$15.8 billion by 2028.

Q.2 What is the growth forecast for oligonucleotide synthesis market?

Answer: The global oligonucleotide synthesis market is expected to grow with a CAGR of 16.1% from 2023 to 2028.

Q.3 What are the major drivers influencing the growth of the oligonucleotide synthesis market?

Answer: The major drivers for this market are increasing government funding and research investments within the pharmaceutical and biotechnology sectors, rising utilization of synthesized oligonucleotides in molecular diagnostics and clinical applications, and rising incidence of cancer and genetic disorders globally.

Q4. What are the major segments for oligonucleotide synthesis market?

Answer: The future of the global oligonucleotide synthesis market looks promising with opportunities in hospitals, pharmaceutical & biotechnology companies, diagnostic laboratories, CROs and CMOs, and academic research institutes.

Q5. Who are the key oligonucleotide synthesis companies?

Answer: Some of the key oligonucleotide synthesis companies are as follows:

Thermo Fisher Scientific

GE Healthcare

Dharmacon

Agilent Technologies

Bio-Synthesis

Kaneka Eurogentec

Integrated DNA Technologies

BioAutomation

Biologio

Twist Bioscience

Q6. Which oligonucleotide synthesis market segment will be the largest in future?

Answer: Lucintel forecasts that oligonucleotide will witness the highest growth over the forecast period due to the rising prevalence of genomic research endeavors, including gene expression analysis and genetic testing, along with the advent of biochips (DNA chips) enabling simultaneous analysis of various clinical samples.

Q7. In oligonucleotide synthesis market, which region is expected to be the largest in next 5 years?

Answer: North America will remain the largest region over the forecast period due to increasing incidence of chronic diseases and the substantial presence of numerous companies and research institutes in this region.

Q.8 Do we receive customization in this report?

Answer: Yes, Lucintel provides 10% Customization Without any Additional Cost.

This report answers following 11 key questions:

Q.1. What are some of the most promising, high-growth opportunities for the oligonucleotide synthesis market by product (oligonucleotides, equipment/synthesizer, reagents, services, purification, and modification), application (PCR primers, PCR assays and panels, sequencing, DNA microarrays, fluorescence in situ hybridization (FISH), antisense oligonucleotides, and others), end use industry (hospitals, pharmaceutical & biotechnology companies, diagnostic laboratories, CROs and CMOs, and academic research institutes), and region (North America, Europe, Asia Pacific, and the 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 key challenges and business risks in this market?

Q.5. What are the business risks and competitive threats in this market?

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

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

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

Q.9. Who are the major players in this market? What strategic initiatives are key players pursuing for business growth?

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

Q.11. What M&A activity has occurred in the last five years and what has its impact

been on the industry?

For any questions related to oligonucleotide synthesis market or related to oligonucleotide synthesis companies, oligonucleotide synthesis market size, oligonucleotide synthesis market share, oligonucleotide synthesis market growth, oligonucleotide synthesis market research, write Lucintel analyst at email: helpdesk@lucintel.com we will be glad to get back to you soon.

Contents

1. EXECUTIVE SUMMARY

2. GLOBAL OLIGONUCLEOTIDE SYNTHESIS MARKET: MARKET DYNAMICS

2.1: Introduction, Background, and Classifications

2.2: Supply Chain

2.3: Industry Drivers and Challenges

3. MARKET TRENDS AND FORECAST ANALYSIS FROM 2017 TO 2028

3.1: Macroeconomic Trends (2017-2022) and Forecast (2023-2028)

3.2: Global Oligonucleotide Synthesis Market Trends (2017-2022) and Forecast (2023-2028)

3.3: Global Oligonucleotide Synthesis Market by Product

3.3.1: Oligonucleotides

3.3.2: Equipment/Synthesizer

3.3.4: Reagents

3.3.5: Services

3.3.6: Purification

3.4: Global Oligonucleotide Synthesis Market by Application

3.4.1: PCR Primers

3.4.2: PCR Assays and Panels

3.4.3: Sequencing

3.4.4: DNA Microarrays

3.4.5: Fluorescence in Situ Hybridization (FISH)

3.5: Global Oligonucleotide Synthesis Market by End Use Industry

3.5.1: Hospitals

3.5.2: Pharmaceutical & Biotechnology Companies

3.5.3: Diagnostic Laboratories

3.5.4: CROs and CMOs

3.5.5: Academic Research Institutes

4. MARKET TRENDS AND FORECAST ANALYSIS BY REGION FROM 2017 TO 2028

4.1: Global Oligonucleotide Synthesis Market by Region

4.2: North American Oligonucleotide Synthesis Market

4.2.1: North American Oligonucleotide Synthesis Market by Product: Oligonucleotide, Equipment/Synthesizer, Reagents, Services, Purification, and Modification

4.2.2: North American Oligonucleotide Synthesis Market by End Use Industry: Hospitals, Pharmaceutical & Biotechnology Companies, Diagnostic Laboratories, CROs and CMOs, and Academic Research Institutes

4.3: European Oligonucleotide Synthesis Market

4.3.1: European Oligonucleotide Synthesis Market by Product: Oligonucleotide, Equipment/Synthesizer, Reagents, Services, Purification, and Modification

4.3.2: European Oligonucleotide Synthesis Market by End Use Industry: Hospitals, Pharmaceutical & Biotechnology Companies, Diagnostic Laboratories, CROs and CMOs, and Academic Research Institutes

4.4: APAC Oligonucleotide Synthesis Market

4.4.1: APAC Oligonucleotide Synthesis Market by Product: Oligonucleotide, Equipment/Synthesizer, Reagents, Services, Purification, and Modification

4.4.2: APAC Oligonucleotide Synthesis Market by End Use Industry: Hospitals, Pharmaceutical & Biotechnology Companies, Diagnostic Laboratories, CROs and CMOs, and Academic Research Institutes

4.5: ROW Oligonucleotide Synthesis Market

4.5.1: ROW Oligonucleotide Synthesis Market by Product: Oligonucleotide, Equipment/Synthesizer, Reagents, Services, Purification, and Modification

4.5.2: ROW Oligonucleotide Synthesis Market by End Use Industry: Hospitals, Pharmaceutical & Biotechnology Companies, Diagnostic Laboratories, CROs and CMOs, and Academic Research Institutes

5. COMPETITOR ANALYSIS

5.1: Product Portfolio Analysis

5.2: Operational Integration

5.3: Porter's Five Forces Analysis

6. GROWTH OPPORTUNITIES AND STRATEGIC ANALYSIS

6.1: Growth Opportunity Analysis

6.1.1: Growth Opportunities for the Global Oligonucleotide Synthesis Market by Product

6.1.2: Growth Opportunities for the Global Oligonucleotide Synthesis Market by Application

6.1.3: Growth Opportunities for the Global Oligonucleotide Synthesis Market by End Use Industry

- 6.1.4: Growth Opportunities for the Global Oligonucleotide Synthesis Market by Region
- 6.2: Emerging Trends in the Global Oligonucleotide Synthesis Market
- 6.3: Strategic Analysis
 - 6.3.1: New Product Development
 - 6.3.2: Capacity Expansion of the Global Oligonucleotide Synthesis Market
 - 6.3.3: Mergers, Acquisitions, and Joint Ventures in the Global Oligonucleotide Synthesis Market
 - 6.3.4: Certification and Licensing

7. COMPANY PROFILES OF LEADING PLAYERS

- 7.1: Thermo Fisher Scientific
- 7.2: GE Healthcare
- 7.3: Dharmacon
- 7.4: Agilent Technologies
- 7.5: Bio-synthesis
- 7.6: Kaneka Eurogentec
- 7.7: Integrated DNA Technologies
- 7.8: BioAutomation
- 7.9: Biolegio
- 7.10: Twist Bioscience

I would like to order

Product name: Oligonucleotide Synthesis Market: Trends, Opportunities and Competitive Analysis [2023-2028]

Product link: <https://marketpublishers.com/r/OE7F172793FBEN.html>

Price: US\$ 4,850.00 (Single User License / Electronic Delivery)

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

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/OE7F172793FBEN.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

