

Nucleic Acid Isolation & Purification Market: Trends, Opportunities and Competitive Analysis [2023-2028]

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Abstracts

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Nucleic Acid Isolation & Purification Market Trends and Forecast

The future of the nucleic acid isolation & purification market looks promising with opportunities in the drug discovery, precision medicine, and agriculture & animal research applications. The global nucleic acid isolation & purification market is expected to reach an estimated \$8.7 billion by 2028 with a CAGR of 9% from 2023 to 2028. The major drivers for this market are increasing government investments in genomics and enzymology-based research and technological advancement in molecular diagnostics.

A more than 150-page report is developed to help in your business decisions. A sample figure with some insights is shown below.

Nucleic Acid Isolation & Purification Market by Segment

The study includes trends and forecast for the global nucleic acid isolation & purification market by product, method, type, application, end use industry, and region, as follows:

Nucleic Acid Isolation & Purification Market by Product [Value (\$B) Shipment Analysis from 2017 to 2028]:

Kit

Reagent

Instrument

Nucleic Acid Isolation & Purification Market by Method [Value (\$B) Shipment Analysis from 2017 to 2028]:

Column Based

Magnetic Bead Based

Reagent Based

Others

Nucleic Acid Isolation & Purification Market by Type [Value (\$B) Shipment Analysis from 2017 to 2028]:

Genomic DNA

Total RNA

Plasmid DNA

Messenger RNA

Circulating Nucleic Acid

Microna

PCR

Others

Nucleic Acid Isolation & Purification Market by Application [Value (\$B) Shipment Analysis from 2017 to 2028]:

Drug Discovery

Precision Medicine

Agriculture & Animal Research

Others

Nucleic Acid Isolation & Purification Market by End Use Industry [Value (\$B) Shipment Analysis from 2017 to 2028]:

Hospitals & Diagnostic Centers

Academic & Government Research Institutes

Pharmaceutical & Biotechnology Companies

Contract Research Organizations

Others

Nucleic Acid Isolation & Purification Market by Region [Value (\$B) Shipment Analysis from 2017 to 2028]:

North America

Europe

Asia Pacific

The Rest of the World

List of Nucleic Acid Isolation & Purification 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, nucleic acid isolation & purification companies cater to increasing demand, ensure competitive effectiveness, develop innovative products & technologies, reduce production costs, and expand their customer base. Some of the nucleic acid isolation & purification companies profiled in this report include-

QIAGEN

Thermo Fisher Scientific

F. Hoffmann-La Roche

Promega

Agilent Technologies

Nucleic Acid Isolation & Purification Market Insights

Lucintel forecasts that kit will remain the largest segment over the forecast period as it is less costly and is widely used in the isolation of DNA or RNA for preparing samples and libraries.

Drug discovery is expected to remain the largest segment due to advancement in technology related to proteomics and genomics fields, which are helping in the development of therapeutics, such as antisense therapy, gene therapy, and DNA vaccines.

North America will remain the largest region due to rapid advancement in molecular biotechnology, rising research and development activities in the genomic field and support of local government in the region.

Features of the Nucleic Acid Isolation & Purification Market

Market Size Estimates:Nucleic acid isolation & purification market size estimation in terms of value (\$B)

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

Segmentation Analysis: Nucleic acid isolation & purification market size by various segments, such as by product, method, type, application, end use industry, and region

Regional Analysis: Nucleic acid isolation & purification market breakdown by North America, Europe, Asia Pacific, and the Rest of the World.

Growth Opportunities: Analysis on growth opportunities in different products, methods, types, applications, end use industries, and regions for the nucleic acid isolation & purification market.

Strategic Analysis: This includes M&A, new product development, and competitive landscape for the nucleic acid isolation & purification market.

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

FAQ

Q1. What is the nucleic acid isolation & purification market size?

Answer: The global nucleic acid isolation & purification market is expected to reach an estimated \$8.7 billion by 2028.

Q2. What is the growth forecast for nucleic acid isolation & purification market?

Answer: The global nucleic acid isolation & purification market is expected to grow with a CAGR of 9% from 2023 to 2028.

Q3. What are the major drivers influencing the growth of the nucleic acid isolation & purification market?

Answer: The major drivers for this market are increasing government investments in genomics and enzymology-based research, and technological advancement in molecular diagnostics.

Q4. What are the major segments for nucleic acid isolation & purification market?

Answer: The future of the nucleic acid isolation & purification market looks promising with opportunities in the drug discovery, precision medicine, and agriculture & animal research applications.

Q5. Who are the key nucleic acid isolation & purification companies?

Answer: Some of the key nucleic acid isolation & purification companies are as follows:

QIAGEN

Thermo Fisher Scientific

F. Hoffmann-La Roche

Promega

Agilent Technologies

Q6. Which nucleic acid isolation & purification segment will be the largest in future?

Answer: Lucintel forecasts that kit will remain the largest segment over the forecast period as it is less costly and is easy to use to isolate DNA or RNA from their respective hosts.

Q7. In nucleic acid isolation & purification market, which region is expected to be the largest in next 5 years?

Answer: North America will remain the largest region due to rapid advancement in molecular biotechnology, rising research and development activities in the genomic field and support of local government in the region.

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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 nucleic acid isolation & purification market by product (kit, reagent, and instrument), method (column based, magnetic bead based, reagent based, and others), type (genomic DNA, total RNA, plasmid DNA, messenger RNA, circulating nucleic acid, microRNA, PCR cleanup, and others), application (drug discovery, precision medicine, agriculture & animal research, and others), end use industry (hospitals & diagnostic centers, academic & government research institutes, pharmaceutical & biotechnology companies, contract research organizations, and others), 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 nucleic acid isolation & purification market or related to nucleic acid isolation & purification companies, nucleic acid isolation & purification market size, nucleic acid isolation & purification market share, nucleic acid isolation & purification analysis, write Lucintel analyst at email: helpdesk@lucintel.com we will be glad to get back to you soon.

Contents

1. EXECUTIVE SUMMARY

2. GLOBAL NUCLEIC ACID ISOLATION & PURIFICATION 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 Nucleic Acid Isolation & Purification Market Trends (2017-2022) and Forecast (2023-2028)

3.3: Global Nucleic Acid Isolation & Purification Market by Product

3.3.1: Kit

3.3.2: Reagent

3.3.3: Instrument

3.4: Global Nucleic Acid Isolation & Purification Market by Method

3.4.1: Column Based

3.4.2: Magnetic Bead Based

3.4.3: Reagent Based

3.4.4: Others

3.5: Global Nucleic Acid Isolation & Purification Market by Type

3.5.1: Genomic DNA

3.5.2: Total RNA

3.5.3: Plasmid DNA

3.5.4: Messenger RNA

3.5.5: Circulating Nucleic Acid

3.5.6: MicroRNA

3.5.7: PCR

3.5.8: Others

3.6: Global Nucleic Acid Isolation & Purification Market by Application

3.6.1: Drug Discovery

3.6.2: Precision Medicine

3.6.3: Agriculture & Animal Research

3.6.4: Others

3.7: Global Nucleic Acid Isolation & Purification Market by End Use Industry

- 3.7.1: Hospitals & Diagnostic Centers
- 3.7.2: Academic & Government Research Institutes
- 3.7.3: Pharmaceutical & Biotechnology Companies
- 3.7.4: Contract Research Organizations
- 3.7.5: Others

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

4.1: Global Nucleic Acid Isolation & Purification Market by Region

4.2: North American Nucleic Acid Isolation & Purification Market

4.2.1: North American Nucleic Acid Isolation & Purification Market by Product: Kit, Reagent, and Instrument

4.2.2: North American Nucleic Acid Isolation & Purification Market by End Use Industry: Hospitals & Diagnostic Centers, Academic & Government Research Institutes, Pharmaceutical & Biotechnology Companies, Contract Research Organizations, and Others

4.3: European Nucleic Acid Isolation & Purification Market

4.3.1: European Nucleic Acid Isolation & Purification Market by Product: Kit, Reagent, and Instrument

4.3.2: European Nucleic Acid Isolation & Purification Market by End Use Industry: Hospitals & Diagnostic Centers, Academic & Government Research Institutes, Pharmaceutical & Biotechnology Companies, Contract Research Organizations, and Others

4.4: APAC Nucleic Acid Isolation & Purification Market

4.4.1: APAC Nucleic Acid Isolation & Purification Market by Product: Kit, Reagent, and Instrument

4.4.2: APAC Nucleic Acid Isolation & Purification Market by End Use Industry: Hospitals & Diagnostic Centers, Academic & Government Research Institutes, Pharmaceutical & Biotechnology Companies, Contract Research Organizations, and Others

4.5: ROW Nucleic Acid Isolation & Purification Market

4.5.1: ROW Nucleic Acid Isolation & Purification Market by Product: Kit, Reagent, and Instrument

4.5.2: ROW Nucleic Acid Isolation & Purification Market by End Use Industry: Hospitals & Diagnostic Centers, Academic & Government Research Institutes, Pharmaceutical & Biotechnology Companies, Contract Research Organizations, and Others

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 Nucleic Acid Isolation & Purification Market by Product

6.1.2: Growth Opportunities for the Global Nucleic Acid Isolation & Purification Market by Method

6.1.3: Growth Opportunities for the Global Nucleic Acid Isolation & Purification Market by Type

6.1.4: Growth Opportunities for the Global Nucleic Acid Isolation & Purification Market by Application

6.1.5: Growth Opportunities for the Global Nucleic Acid Isolation & Purification Market by End Use Industry

6.1.6: Growth Opportunities for the Global Nucleic Acid Isolation & Purification Market by Region

6.2: Emerging Trends in the Global Nucleic Acid Isolation & Purification Market

6.3: Strategic Analysis

6.3.1: New Product Development

6.3.2: Capacity Expansion of the Global Nucleic Acid Isolation & Purification Market

6.3.3: Mergers, Acquisitions, and Joint Ventures in the Global Nucleic Acid Isolation & Purification Market

6.3.4: Certification and Licensing

7. COMPANY PROFILES OF LEADING PLAYERS

7.1: QIAGEN

7.2: Thermo Fisher Scientific

7.3: F. Hoffmann-La Roche

7.4: Promega

7.5: Agilent Technologies

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