

DNA Sequencing Market Report: Trends, Forecast and Competitive Analysis

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Abstracts

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The future of the global DNA sequencing market looks promising with opportunities in biomarkers & cancer, diagnostics, reproductive health, personalized medicine, and forensics applications. The global DNA sequencing market is expected to grow with a CAGR of 17%-19% from 2020 to 2025. The major drivers for this market are growing demand for personalized genomics, increasing cancer research activities, and increasing demand for fast and easy clinical diagnosis.

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 DNA sequencing market report, please download the report brochure.

In this market, instruments is the fastest growing product of DNA sequencing, whereas biomarker & cancer is the largest application. Growth in various segments of the DNA sequencing market are given below:

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

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

Consumables Instruments Services

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

Sequencing by Synthesis Ion Semiconductor Sequencing Sequencing by
Ligation Pyrosequencing Single Molecule Real-Time Sequencing Chain Termination
Sequencing Nanopore Sequencing

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

Biomarkers and Cancer Diagnostics Reproductive Health Personalized
Medicine Forensics Others

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

Academic & Government Research Institutes Pharmaceutical Companies Biotechnology
Companies Hospitals & Clinics

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 DNA sequencing companies profiled in this report include Abbott
Laboratories, Agilent Technologies, Danaher, Roche, Illumina, LI-COR Biosciences,
Pacific Biosciences of California, Siemens, PerkinElmer, and Thermo Fisher Scientific.

Lucintel forecasts that instruments will remain the fastest growing segment over the
forecast period due to recent innovations in DNA sequencing instruments.

Within this market, biomarkers and cancer will remain the largest segment by
application over the forecast period due to increasing usage of cancer biomarkers in
drug discovery & development and rising aging population.

North America will remain the largest region over the forecast period due to increasing
technological advancements in sequencing and availability of skilled manpower in the
region.

Features of the Global DNA Sequencing Market

Market Size Estimates: Global DNA sequencing 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 DNA sequencing market size by various segments, such as product, technology, application, and end user, in terms of value. Regional Analysis: Global DNA sequencing market breakdown by North America, Europe, Asia Pacific, and Rest of the World. Growth Opportunities: Analysis of growth opportunities in different products, technologies, applications, end users, and regions for the global DNA sequencing market. Strategic Analysis: This includes M&A, new product development, and competitive landscape of the global DNA sequencing 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 DNA sequencing market by product (consumables, instruments, and services), technology (sequencing by synthesis, ion semiconductor sequencing, sequencing by ligation, pyrosequencing, single molecule real-time sequencing, chain termination sequencing, and nanopore sequencing), application (biomarkers and cancer, diagnostics, reproductive health, personalized medicine, forensics, and others), end user (academic & government research institutes, pharmaceutical companies, biotechnology companies, and hospitals & clinics), 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 DNA sequencing market?

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

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

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

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

Q.9 Who are the major players in the DNA sequencing 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 the DNA sequencing 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 DNA sequencing 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 & Forecast, Competitor Analysis, New Product Development, Company Expansion, Merger, Acquisitions & Joint Venture, and Company Profiling

Market Segments Product (Consumables, Instruments, and Services), Technology (Sequencing by Synthesis, Ion Semiconductor Sequencing, Sequencing by Ligation, Pyrosequencing, Single Molecule Real-time Sequencing, Chain Termination Sequencing, and Nanopore Sequencing), Application (Biomarkers and Cancer, Diagnostics, Reproductive Health, Personalized Medicine, Forensics, and Others), and End User (Academic & Government Research Institutes, Pharmaceutical Companies, Biotechnology Companies, and Hospitals & Clinics)

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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- 8.8: SIEMENS AG
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- 8.10: Therm Fisher Scientific, Inc.

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