

Global DNA Sequencing Market 2022-2028

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Abstracts

DNA sequencing is a laboratory technique used to determine the exact sequence of bases (A, C, G, and T) in a DNA molecule. The DNA base sequence carries the information a cell needs to assemble protein and RNA molecules. DNA sequence information is important to scientists investigating the functions of genes. According to Gen Consulting Company, the global DNA sequencing market is set to achieve an incremental growth of USD 29 million, accelerating at a CAGR of almost 18.1% during the forecast period 2022-2028.

The report provides in-depth analysis and insights regarding the current global market scenario, latest trends and drivers into global DNA sequencing market. It offers an exclusive insight into various details such as market size, key trends, competitive landscape, growth rate and market segments. This study also provides an analysis of the impact of the COVID-19 crisis on the DNA sequencing industry.

This industry report offers market estimates and forecasts of the global market, followed by a detailed analysis of the product, sequencing type, application, and region. The global market for DNA sequencing can be segmented by product: sequencing services, sequencing instruments, sequencing consumables, sequencing informatics.

Sequencing services held the highest share in the global dna sequencing market.

However, the sequencing informatics segment is forecast to register the highest CAGR during the forecast period 2022 - 2028. DNA sequencing market is further segmented by sequencing type: next generation sequencing (NGS), sanger sequencing, others.

The NGS segment is estimated to account for the largest share of the global DNA sequencing market. Based on application, the DNA sequencing market is segmented into: applied, clinical, research. On the basis of region, the DNA sequencing market also can be divided into: Asia Pacific, Europe, North America, Rest of the World (RoW). In 2021, North America made up the largest share of revenue generated by the DNA sequencing market.

By product:

sequencing services

sequencing instruments

sequencing consumables

sequencing informatics

By sequencing type:

next generation sequencing (NGS)

sanger sequencing

others

By application:

applied

clinical

research

By region:

Asia Pacific

Europe

North America

Rest of the World (RoW)

The market research report covers the analysis of key stake holders of the global DNA sequencing market. Some of the leading players profiled in the report include Adaptive Biotechnologies Corp., Agilent Technologies, Inc., Ambry Genetics Corporation, BD (Becton, Dickinson and Company), Berry Genomics Co., Ltd., BGI Group, Biodesix, Inc., CareDx, Inc., Centogene AG, Danaher Corporation, Devyser Diagnostics AB, Illumina, Inc., Macrogen, Inc., Merck KGaA, myDNA Inc., Natera, Inc., NeoGenomics Laboratories, Inc., New England Biolabs, Inc., NGeneBio Co., Ltd., Oxford Nanopore Technologies Limited, Pacific Biosciences of California, Inc., PerkinElmer, Inc., Personalis, Inc., Qiagen N.V., Quest Diagnostics Inc., Roche Holding AG, SOPHiA GENETICS, TAKARA BIO INC., Thermo Fisher Scientific Inc., among others.

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Historical & Forecast Period

This research report provides analysis for each segment from 2018 to 2028 considering 2021 to be the base year.

Scope of the Report

To analyze and forecast the market size of the global DNA sequencing market.

To classify and forecast the global DNA sequencing market based on product, sequencing type, application, region.

To identify drivers and challenges for the global DNA sequencing market.

To examine competitive developments such as mergers & acquisitions, agreements, collaborations and partnerships, etc., in the global DNA sequencing market.

To identify and analyze the profile of leading players operating in the global DNA sequencing market.

Why Choose This Report

Gain a reliable outlook of the global DNA sequencing market forecasts from 2022 to 2028 across scenarios.

Identify growth segments for investment.

Stay ahead of competitors through company profiles and market data.

The market estimate for ease of analysis across scenarios in Excel format.

Strategy consulting and research support for three months.

Print authentication provided for the single-user license.

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Applied
Clinical

Research

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Asia Pacific

Europe

North America

Rest of the World (RoW)

PART 9. KEY COMPANIES

Adaptive Biotechnologies Corp.

Agilent Technologies, Inc.

Ambry Genetics Corporation

BD (Becton, Dickinson and Company)

Berry Genomics Co., Ltd.

BGI Group

Biodesix, Inc.

CareDx, Inc.

Centogene AG

Danaher Corporation

Devyser Diagnostics AB

Illumina, Inc.

Macrogen, Inc.

Merck KGaA

myDNA Inc.

Natera, Inc.

NeoGenomics Laboratories, Inc.

New England Biolabs, Inc.

NGeneBio Co., Ltd.

Oxford Nanopore Technologies Limited

Pacific Biosciences of California, Inc.

PerkinElmer, Inc.

Personalis, Inc.

Qiagen N.V.

Quest Diagnostics Inc.

Roche Holding AG

SOPHiA GENETICS

TAKARA BIO INC.

Thermo Fisher Scientific Inc.

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