

North America DNA Sequencing Market 2021-2031 by Offering (Instruments, Consumables, Services), Sequencing Type (Sanger, Next-Gen, Others), Technology (Sequencing by Synthesis, Ion Semiconductor, Chain Termination, Pyrosequencing, SBL, SMRT), Application (Biomarker Discovery, Diagnostics, Personalized Medicine, Reproductive Health, Forensics), End User (Research Organizations, Pharma and Biotech Companies, Hospitals & Clinics), and Country: Trend Forecast and Growth Opportunity

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Abstracts

North America DNA sequencing market is projected to grow by 14.8% annually in the forecast period and reach \$20,330.9 million by 2031, driven by the significant technological advancements, the growth of large-scale sequencing initiatives and support by major governmental funding agencies, the rise in the prevalence of chronic diseases, and the rising applications of DNA sequencing for animal & plant reproduction.

Highlighted with 22 tables and 53 figures, this 102-page report “North America DNA Sequencing Market 2021-2031 by Offering (Instruments, Consumables, Services), Sequencing Type (Sanger, Next-Gen, Others), Technology (Sequencing by Synthesis, Ion Semiconductor, Chain Termination, Pyrosequencing, SBL, SMRT), Application (Biomarker Discovery, Diagnostics, Personalized Medicine, Reproductive Health, Forensics), End User (Research Organizations, Pharma and Biotech Companies, Hospitals & Clinics), and Country: Trend Forecast and Growth Opportunity” is based on

a comprehensive research of the entire North America DNA sequencing market and all its sub-segments through extensively detailed classifications. Profound analysis and assessment are generated from premium primary and secondary information sources with inputs derived from industry professionals across the value chain. The report is based on studies on 2018-2021 and provides forecast from 2022 till 2031 with 2021 as the base year. (Please note: The report will be updated before delivery so that the latest historical year is the base year and the forecast covers at least 5 years over the base year.)

In-depth qualitative analyses include identification and investigation of the following aspects:

Market Structure

Growth Drivers

Restraints and Challenges

Emerging Product Trends & Market Opportunities

Porter's Fiver Forces

The trend and outlook of North America market is forecast in optimistic, balanced, and conservative view by taking into account of COVID-19. The balanced (most likely) projection is used to quantify North America DNA sequencing market in every aspect of the classification from perspectives of Offering, Sequencing Type, Technology, Application, End User, and Country.

Based on Offering, the North America market is segmented into the following sub-markets with annual revenue (\$ mn) for 2021-2031 included in each section.

Instruments

Consumables

Sequencing Services

Based on Sequencing Type, the North America market is segmented into the following sub-markets with annual revenue (\$ mn) for 2021-2031 included in each section.

Sanger Sequencing

Next Generation Sequencing

Other Sequencing Types

By Technology, the North America market is segmented into the following sub-markets with annual revenue (\$ mn) for 2021-2031 included in each section.

Sequencing by Synthesis

Ion Semiconductor Sequencing

Chain Termination Sequencing

Pyrosequencing

Sequencing by Ligation (SBL)

Single-Molecule Real-Time Sequencing (SMRT)

Nanopore Sequencing

Other Technologies

By Application, the North America market is segmented into the following sub-markets with annual revenue (\$ mn) for 2021-2031 included in each section.

Biomarker Discovery

Diagnostics

Personalized Medicine

Reproductive Health

Forensics

Other Applications

By End User, the North America market is segmented into the following sub-markets with annual revenue (\$ mn) for 2021-2031 included in each section.

Academics and Research Organizations

Pharmaceutical and Biotechnology Companies

Hospitals & Clinics

Other End Users

Geographically, the following national/local markets are fully investigated:

U.S.

Canada

Mexico

For each key country, detailed analysis and data for annual revenue (\$ mn) are available for 2021-2031. The breakdown of national markets by Offering, Sequencing Type and End User over the forecast years are also included.

The report also covers current competitive scenario and the predicted trend; and profiles key vendors including market leaders and important emerging players.

Selected Key Players:

Agilent Technologies Inc.

BGI Genomics Co., Ltd.

Bio-Rad Laboratories Inc.

Danaher Corporation (Integrated DNA Technologies Inc.)

Eurofins Scientific SE

F. Hoffmann-La Roche Ltd.

Illumina Inc.

Merck KGaA

Pacific Biosciences of California Inc.

PerkinElmer Inc.

Thermo Fisher Scientific Inc.

(Please note: The report will be updated before delivery so that the latest historical year is the base year and the forecast covers at least 5 years over the base year.)

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