

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

<https://marketpublishers.com/r/N82557DE7612EN.html>

Date: March 2022

Pages: 102

Price: US\$ 2,448.00 (Single User License)

ID: N82557DE7612EN

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.)

Contents

1 INTRODUCTION

- 1.1 Industry Definition and Research Scope
 - 1.1.1 Industry Definition
 - 1.1.2 Research Scope
- 1.2 Research Methodology
 - 1.2.1 Overview of Market Research Methodology
 - 1.2.2 Market Assumption
 - 1.2.3 Secondary Data
 - 1.2.4 Primary Data
 - 1.2.5 Data Filtration and Model Design
 - 1.2.6 Market Size/Share Estimation
 - 1.2.7 Research Limitations
- 1.3 Executive Summary

2 MARKET OVERVIEW AND DYNAMICS

- 2.1 Market Size and Forecast
 - 2.1.1 Impact of COVID-19 on World Economy
 - 2.1.2 Impact of COVID-19 on the Market
- 2.2 Major Growth Drivers
- 2.3 Market Restraints and Challenges
- 2.4 Emerging Opportunities and Market Trends
- 2.5 Porter's Fiver Forces Analysis

3 SEGMENTATION OF NORTH AMERICA MARKET BY OFFERING

- 3.1 Market Overview by Offering
- 3.2 Instruments
- 3.3 Consumables
- 3.4 Sequencing Services

4 SEGMENTATION OF NORTH AMERICA MARKET BY SEQUENCING TYPE

- 4.1 Market Overview by Sequencing Type
- 4.2 Sanger Sequencing
- 4.3 Next Generation Sequencing

4.4 Other Sequencing Types

5 SEGMENTATION OF NORTH AMERICA MARKET BY TECHNOLOGY

- 5.1 Market Overview by Technology
- 5.2 Sequencing by Synthesis
- 5.3 Ion Semiconductor Sequencing
- 5.4 Chain Termination Sequencing
- 5.5 Pyrosequencing
- 5.6 Sequencing by Ligation (SBL)
- 5.7 Single-Molecule Real-Time Sequencing (SMRT)
- 5.8 Nanopore Sequencing
- 5.9 Other Technologies

6 SEGMENTATION OF NORTH AMERICA MARKET BY APPLICATION

- 6.1 Market Overview by Application
- 6.2 Biomarker Discovery
- 6.3 Diagnostics
- 6.4 Personalized Medicine
- 6.5 Reproductive Health
- 6.6 Forensics
- 6.7 Other Applications

7 SEGMENTATION OF NORTH AMERICA MARKET BY END USER

- 7.1 Market Overview by End User
- 7.2 Academics and Research Organizations
- 7.3 Pharmaceutical and Biotechnology Companies
- 7.4 Hospitals & Clinics
- 7.5 Other End Users

8 NORTH AMERICA MARKET 2021-2031 BY COUNTRY

- 8.1 Overview of North America Market
- 8.2 U.S.
- 8.3 Canada
- 8.4 Mexico

9 COMPETITIVE LANDSCAPE

9.1 Overview of Key Vendors

9.2 New Product Launch, Partnership, Investment, and M&A

9.3 Company Profiles

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.

RELATED REPORTS

List Of Tables

LIST OF TABLES:

Table 1. Snapshot of North America DNA Sequencing Market in Balanced Perspective, 2021-2031

Table 2. World Economic Outlook, 2021-2031

Table 3. World Health Spending by Region, \$ bn, 2013-2020

Table 4. Main Product Trends and Market Opportunities in North America DNA Sequencing Market

Table 5. North America DNA Sequencing Market by Offering, 2021-2031, \$ mn

Table 6. North America DNA Sequencing Market by Sequencing Type, 2021-2031, \$ mn

Table 7. North America DNA Sequencing Market by Technology, 2021-2031, \$ mn

Table 8. North America DNA Sequencing Market by Application, 2021-2031, \$ mn

Table 9. North America DNA Sequencing Market by End User, 2021-2031, \$ mn

Table 10. North America DNA Sequencing Market by Country, 2021-2031, \$ mn

Table 11. U.S. DNA Sequencing Market by Offering, 2021-2031, \$ mn

Table 12. U.S. DNA Sequencing Market by Sequencing Type, 2021-2031, \$ mn

Table 13. U.S. DNA Sequencing Market by End User, 2021-2031, \$ mn

Table 14. Canada DNA Sequencing Market by Offering, 2021-2031, \$ mn

Table 15. Canada DNA Sequencing Market by Sequencing Type, 2021-2031, \$ mn

Table 16. Canada DNA Sequencing Market by End User, 2021-2031, \$ mn

Table 17. Mexico DNA Sequencing Market by Offering, 2021-2031, \$ mn

Table 18. Mexico DNA Sequencing Market by Sequencing Type, 2021-2031, \$ mn

Table 19. Mexico DNA Sequencing Market by End User, 2021-2031, \$ mn

Table 20. Agilent Technologies Inc.: Company Snapshot

Table 21. Agilent Technologies Inc.: Business Segmentation

Table 22. Agilent Technologies Inc.: Product Portfolio

List Of Figures

LIST OF FIGURES:

Figure 1. Research Method Flow Chart

Figure 2. Bottom-up Approach and Top-down Approach for Market Estimation

Figure 3. North America Market Forecast in Optimistic, Conservative and Balanced Perspectives, 2021-2031

Figure 4. North America DNA Sequencing Market, 2021-2031, \$ mn

Figure 5. Impact of COVID-19 on Business

Figure 6. Primary Drivers and Impact Factors of North America DNA Sequencing Market

Figure 7. World Number of Deaths by Cause in 2017

Figure 8. World Number of Deaths from Cancers in 2017

Figure 9. Worldwide Geriatric Population (60 years and above) by Regions, 2015 & 2030, million

Figure 10. World Population 65 and Over, % of Total Population, 1950-2060

Figure 11. Primary Restraints and Impact Factors of North America DNA Sequencing Market

Figure 12. Investment Opportunity Analysis

Figure 13. Porter's Five Forces Analysis of North America DNA Sequencing Market

Figure 14. Breakdown of North America DNA Sequencing Market by Offering, 2021-2031, % of Revenue

Figure 15. North America Addressable Market Cap in 2022-2031 by Offering, Value (\$ mn) and Share (%)

Figure 16. North America DNA Sequencing Market by Offering: Instruments, 2021-2031, \$ mn

Figure 17. North America DNA Sequencing Market by Offering: Consumables, 2021-2031, \$ mn

Figure 18. North America DNA Sequencing Market by Offering: Sequencing Services, 2021-2031, \$ mn

Figure 19. Breakdown of North America DNA Sequencing Market by Sequencing Type, 2021-2031, % of Sales Revenue

Figure 20. North America Addressable Market Cap in 2022-2031 by Sequencing Type, Value (\$ mn) and Share (%)

Figure 21. North America DNA Sequencing Market by Sequencing Type: Sanger Sequencing, 2021-2031, \$ mn

Figure 22. North America DNA Sequencing Market by Sequencing Type: Next Generation Sequencing, 2021-2031, \$ mn

Figure 23. North America DNA Sequencing Market by Sequencing Type: Other Sequencing Types, 2021-2031, \$ mn

Figure 24. Breakdown of North America DNA Sequencing Market by Technology, 2021-2031, % of Sales Revenue

Figure 25. North America Addressable Market Cap in 2022-2031 by Technology, Value (\$ mn) and Share (%)

Figure 26. North America DNA Sequencing Market by Technology: Sequencing by Synthesis, 2021-2031, \$ mn

Figure 27. North America DNA Sequencing Market by Technology: Ion Semiconductor Sequencing, 2021-2031, \$ mn

Figure 28. North America DNA Sequencing Market by Technology: Chain Termination Sequencing, 2021-2031, \$ mn

Figure 29. North America DNA Sequencing Market by Technology: Pyrosequencing, 2021-2031, \$ mn

Figure 30. North America DNA Sequencing Market by Technology: Sequencing by Ligation (SBL), 2021-2031, \$ mn

Figure 31. North America DNA Sequencing Market by Technology: Single-Molecule Real-Time Sequencing (SMRT), 2021-2031, \$ mn

Figure 32. North America DNA Sequencing Market by Technology: Nanopore Sequencing, 2021-2031, \$ mn

Figure 33. North America DNA Sequencing Market by Technology: Other Technologies, 2021-2031, \$ mn

Figure 34. Breakdown of North America DNA Sequencing Market by Application, 2021-2031, % of Revenue

Figure 35. North America Addressable Market Cap in 2022-2031 by Application, Value (\$ mn) and Share (%)

Figure 36. North America DNA Sequencing Market by Application: Biomarker Discovery, 2021-2031, \$ mn

Figure 37. North America DNA Sequencing Market by Application: Diagnostics, 2021-2031, \$ mn

Figure 38. North America DNA Sequencing Market by Application: Personalized Medicine, 2021-2031, \$ mn

Figure 39. North America DNA Sequencing Market by Application: Reproductive Health, 2021-2031, \$ mn

Figure 40. North America DNA Sequencing Market by Application: Forensics, 2021-2031, \$ mn

Figure 41. North America DNA Sequencing Market by Application: Other Applications, 2021-2031, \$ mn

Figure 42. Breakdown of North America DNA Sequencing Market by End User,

2021-2031, % of Revenue

Figure 43. North America Addressable Market Cap in 2022-2031 by End User, Value (\$ mn) and Share (%)

Figure 44. North America DNA Sequencing Market by End User: Academics and Research Organizations, 2021-2031, \$ mn

Figure 45. North America DNA Sequencing Market by End User: Pharmaceutical and Biotechnology Companies, 2021-2031, \$ mn

Figure 46. North America DNA Sequencing Market by End User: Hospitals & Clinics, 2021-2031, \$ mn

Figure 47. North America DNA Sequencing Market by End User: Other End Users, 2021-2031, \$ mn

Figure 48. Breakdown of North America DNA Sequencing Market by Country, 2021 and 2031, % of Revenue

Figure 49. Contribution to North America 2022-2031 Cumulative Market by Country, Value (\$ mn) and Share (%)

Figure 50. U.S. DNA Sequencing Market, 2021-2031, \$ mn

Figure 51. Canada DNA Sequencing Market, 2021-2031, \$ mn

Figure 52. DNA Sequencing Market in Mexico, 2021-2031, \$ mn

Figure 53. Growth Stage of North America DNA Sequencing Industry over the Forecast Period

I would like to order

Product name: 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

Product link: <https://marketpublishers.com/r/N82557DE7612EN.html>

Price: US\$ 2,448.00 (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/N82557DE7612EN.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