

North America Transcriptomics Market 2021-2031 by Component (Instruments, Consumables, Software, Services), Technology (PCR, Next-Generation Sequencing, Microarray, ISH, Gene Regulation, Others), Application (Drug Discovery and Development, Diagnostics, Single Cell Analysis, Gene Expression, Cell Biology, Others), End User (Academic and Research Institutions, Biotech and Biopharma Companies, CROs, Others), and Country: Trend Forecast and Growth Opportunity

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Abstracts

North America transcriptomics market is projected to grow by 10.3% annually in the forecast period and reach \$6,124.0 million by 2031, driven by the surging demand for personalized medicine, the high demand for diagnostic of inflammatory diseases such as COVID-19, the decrease in the cost of sequencing, the rising application of next-generation sequencing and RNA sequencing in transcriptomics, and the advancement of products launches along with increasing R&D expenditure.

Highlighted with 32 tables and 43 figures, this 114-page report “North America Transcriptomics Market 2021-2031 by Component (Instruments, Consumables, Software, Services), Technology (PCR, Next-Generation Sequencing, Microarray, ISH, Gene Regulation, Others), Application (Drug Discovery and Development, Diagnostics, Single Cell Analysis, Gene Expression, Cell Biology, Others), End User (Academic and Research Institutions, Biotech and Biopharma Companies, CROs, Others), and Country: Trend Forecast and Growth Opportunity” is based on a comprehensive

research of the entire North America transcriptomics 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 2019-2021 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 and Russia-Ukraine conflict. The balanced (most likely) projection is used to quantify North America transcriptomics market in every aspect of the classification from perspectives of Component, Technology, Application, End User, and Country.

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

Instruments

Consumables

Software

Services

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

Polymerase Chain Reaction (PCR)

Next-Generation Sequencing

Microarray

In-Situ Hybridization (ISH)

Gene Regulation Technologies

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.

Drug Discovery and Development

Diagnostics

Single Cell Analysis

Gene Expression

Cell Biology

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.

Academic and Research Institutions

Biotechnology and Biopharmaceutical Companies

Contract Research Organizations (CROs)

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 Component, Technology and Application 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:

10x Genomics

Agilent Technologies, Inc.

ANGLE plc

Becton, Dickinson and Company (BD)

Bio-Rad Laboratories, Inc.

BioSypder, Inc.

Bio-Techne

Cytiva

F. Hoffmann-La Roche Ltd.

Fluidigm Corporation

GE Healthcare

Illumina, Inc.

Menarini Silicon Biosystems

Merck & Co., Inc.

NanoString

Pacific Biosciences of California, Inc.

PerkinElmer Inc.

Promega Corporation

Qiagen N. V.

Takara Bio 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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10X GENOMICS

Agilent Technologies, Inc.
ANGLE plc
Becton, Dickinson and Company (BD)
Bio-Rad Laboratories, Inc.
BioSypder, Inc.
Bio-Techne
Cytiva
F. Hoffmann-La Roche Ltd.
Fluidigm Corporation
GE Healthcare
Illumina, Inc.
Menarini Silicon Biosystems
Merck & Co., Inc.
NanoString
Pacific Biosciences of California, Inc.
PerkinElmer Inc.
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