

North America Single Cell Multiomics Market 2021-2031 by Product Type (Instruments, Consumables, Software), Omics Type (SCG, SCT, SCP, SCM), Application (Clinical Research, Translation Research, Synthetic Biology), Sample Type (Human, Animal, Microbial), Workflow (Single-Cell Isolation and Dispensing, Single-Cell Analysis), End User (Research and Academic Laboratories, Biopharma and Biotech Companies, CROs, Others), and Country: Trend Forecast and Growth Opportunity

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Abstracts

North America single cell multiomics market is projected to grow by 17.6% annually in the forecast period and reach \$ 6,153.0 million by 2031, driven by the rising prevalence of chronic diseases along with the aging population, the widespread product adoption for visualization and analysis, technological advancements along with the rising R&D investment, and the significant growth in the pharmaceutical industry especially personalized medication.

Highlighted with 29 tables and 73 figures, this 143-page report “North America Single Cell Multiomics Market 2021-2031 by Product Type (Instruments, Consumables, Software), Omics Type (SCG, SCT, SCP, SCM), Application (Clinical Research, Translation Research, Synthetic Biology), Sample Type (Human, Animal, Microbial), Workflow (Single-Cell Isolation and Dispensing, Single-Cell Analysis), End User (Research and Academic Laboratories, Biopharma and Biotech Companies, CROs, Others), and Country: Trend Forecast and Growth Opportunity” is based on a

comprehensive research of the entire North America single cell multiomics 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 single cell multiomics market in every aspect of the classification from perspectives of Product Type, Omics Type, Application, Sample Type, Workflow, End User, and Country.

Based on Product Type, 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

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

Single Cell Genomics (SCG)

Single Cell Transcriptomics (SCT)

Single Cell Proteomics (SCP)

Single Cell Metabolomics (SCM)

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

Clinical Research

Oncology

Cell Therapy

Immunology

Neurology

Cell Biology

Other Types of Clinical Research

Translation Research

Synthetic Biology

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

Human Samples

Cancer Tissues

Stem Cells

Immune Cells

Brain Cells

Other Human Samples

Animal Samples

Microbial Samples

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

Single-Cell Isolation and Dispensing

Fluorescence-Activated Cell Sorting (FACS)

Microfluidics

Magnetic-Activated Cell Sorting (MACS)

Random Seeding

Manual Cell Picking

Laser Capture Microdissection

Other Technologies of Single-Cell Isolation and Dispensing

Single-Cell Analysis

Polymerase Chain Reaction

Next-Generation Sequencing

Mass Cytometry

Mass Spectrometry

Other Technologies of Single-Cell Analysis

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.

Research and Academic Laboratories

Biopharmaceutical and Biotech 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 Omics Type, Workflow 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:

10x Genomics, Inc.

1CellBio, Inc.

Becton, Dickinson and Company

Berkeley Lights, Inc.

BGI Genomics Co., Ltd.

Bio-Rad Laboratories, Inc.

Bio-Techne Corporation

BioTuring, Inc.

Danaher Corporation (Cytiva Life Sciences)

Dolomite Bio

Fluidigm Corporation

Fluxion Biosciences

Illimina, Inc

Mission Bio, Inc.

Namocell, Inc.

NanoString Technologies, Inc.

Parse Biosciences, Inc.

Proteona

Qiagen N.V.

RareCyte, Inc.

Scipio Biosciences SAS

Shilps Sciences

Takara Bio Inc. (Takara Holdings)

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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Berkeley Lights, Inc.

BGI Genomics Co., Ltd.

Bio-Rad Laboratories, Inc.

Bio-Techne Corporation

BioTuring, Inc.

Danaher Corporation (Cytiva Life Sciences)

Dolomite Bio
Fluidigm Corporation
Fluxion Biosciences
Illumina, Inc
Mission Bio, Inc.
Namocell, Inc.
NanoString Technologies, Inc.
Parse Biosciences, Inc.
Proteona
Qiagen N.V.
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