

Global Multiomics Market

Market Research Report | 2024-09-06 | 149 pages | BCC Research

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Report description:

Description

Report Scope:

This report covers the global market for multiomics segments based on products, platforms, applications, end-users, and regions. This research report incorporates an in-depth analysis of the multiomics market, including market estimations and trends through 2029. By geography, the market in this report is divided into four regions: North America, Europe, Asia-Pacific, and Rest of the World (RoW). For market estimates, data has been provided for 2023 as the base year, with forecasts for 2024 through 2029.

Major players, products, platforms, applications, market dynamics, and geographic opportunities are discussed in detail in the report. This report also examines various analytical frameworks such as PESTEL analysis, ESG analysis, competitive analysis, and strategic recommendations, which will aid the companies in devising their strategic plan of action.

Report Includes:

- 51 data tables and 55 additional tables
- An analysis of the current and future global markets for multiomics
- Analyses of global market trends, with market revenue data (sales figures) for 2021-2023, estimates for 2024, and projected CAGRs through 2029
- Estimates of the market size and revenue forecasts for the global multiomics market, with market share analysis by product, type, platform, end-user, application and region
- Discussion of the applications of multiomics in research studies such as analyzing many omics datasets, integrating data from genomes, transcriptomics, epigenetics, and proteomics. This in turn provides more precise information to identify causal alterations, and by exposing the etiology of the disease, can lead to the possible treatment options

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- Discussions of the market dynamics, opportunities, and challenges, as well as emerging technologies
- Overview of sustainability trends and ESG developments in the industry, with emphasis on the ESG practices of leading companies, their ESG rankings, and consumer attitudes
- Competitive intelligence, including companies' market shares, recent M&A activity, and venture funding.
- Profiles of the leading companies, including Thermo Fisher Scientific Inc., Agilent Technologies Inc., Illumina Inc., QIAGEN N.V., and F. Hoffman-La Roche Ltd.

Executive Summary

Summary:

Multiple omics, or multiomics, offer an integrated method for power discovery at several biological levels. By integrating data from several fields, including genomes, transcriptomics, epigenetics, and proteomics, scientists may comprehensively understand the molecular alterations contributing to typical development, cellular response, and illness. The therapeutics development process is witnessing significant transition toward a more comprehensive and holistic understanding of the disease microenvironment from a simplified and genomic-focused approach, thus creating a massive demand for multiomics technologies. Multiomics is a relatively emerging field with tremendous growth potential due to its promising applications. Established players have already entered the market by introducing multiomics products, software and services.

The multiomics market is set to gain momentum due to the adoption of multiomics technologies and products in various fields, including biomedical research and pharmaceutical development, coupled with increasing research investments, expanding applications across multiple sectors, collaborative initiatives, and technological advancements.

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BIO-RAD LABORATORIES INC.
BD
BRUKER
BGI
F. HOFFMANN-LA ROCHE LTD.
ILLUMINA INC.
QIAGEN
REVVITY
STANDARD BIOTOOLS
THERMO FISHER SCIENTIFIC INC.

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