

Global Single-Cell Analysis Market Size study, by Product (Consumables, Instruments), by Application (Research Applications, Medical Applications), by End-Users (Academic & Research Laboratories, Biotechnology & Pharmaceutical Companies, Hospitals & Diagnostic Laboratories, Cell Banks & IVF Centres) and Regional Forecasts 2021-2027

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Abstracts

Global Single-Cell Analysis Market is valued at approximately USD 2.70 billion in 2020 and is anticipated to grow with a healthy growth rate of more than 15.00% over the forecast period 2021-2027. Single-Cell RNA-Seq provides transcriptional profiling of thousands of individual cells. This level of throughput analysis enables researchers to understand at the single-cell level what genes are expressed, in what quantities, and how they differ across thousands of cells within a heterogeneous sample. Growing prevalence of cancer, increasing investments in pharmaceutical & biotechnology has led to the adoption of Single-Cell Analysis across the forecast period. For Instance: According to GLOBOCAN, the number of cancer cases will rise to approximately 30 million by 2040 from 19.3 million cases and 10 million cancer deaths in 2020. Also, with the potential to identify disease-specific biomarkers to diagnose, the adoption & demand for Single-Cell Analysis is likely to increase the market growth during the forecast period. However, high costs impede the growth of the market over the forecast period of 2021-2027.

Global Single-cell analysis Market is segmented on the basis of geographical regions as Asia Pacific, North America, Europe, Latin America and Rest of the World. North America is deemed as the leader of the market and witnessed robust growth owing to the presence of key market players, coupled with increasing R&D expenditure and

federal fundings. Whereas, Asia-Pacific is coming up as one of the promising regions as huge market growth is observed. Factors such as rising population, growing health awareness would create profitable growth prospects for the Single-cell analysis Market across Asia-Pacific region.

Major market players included in this report are:

Agilent Technologies, Inc. (US)
Becton, Dickinson and Company (US)
Danaher Corporation (US)
Merck KGAA (Germany)
QIAGEN N.V. (Netherlands)
Thermo Fisher Scientific, Inc. (US)
10x Genomics (US), Promega Corporation (US)
Illumina, Inc. (US)
Bio-Rad Laboratories (US)
Fluidigm Corporation (US)

The objective of the study is to define market sizes of different segments & countries in recent years and to forecast the values to the coming eight years. The report is designed to incorporate both qualitative and quantitative aspects of the Application within each of the regions and countries involved in the study. Furthermore, the report also caters the detailed information about the crucial aspects such as driving factors & challenges which will define the future growth of the market. Additionally, the report shall also incorporate available opportunities in micro markets for stakeholders to invest along with the detailed analysis of competitive landscape and Rental Product offerings of key players. The detailed segments and sub-segment of the market are explained below:

By Product:

Consumables

Instruments

By Application:

Research Applications

Medical Applications

By End users:

Academic & Research Laboratories

Biotechnology & Pharmaceutical Companies

Hospitals & Diagnostic Laboratories

Cell Banks & IVF Centres

By Region:

North America

U.S.
Canada
Europe
UK
Germany
France
Spain
Italy
ROE

Asia Pacific
China
India
Japan
Australia
South Korea
RoAPAC
Latin America
Brazil
Mexico
Rest of the World

Furthermore, years considered for the study are as follows:

Historical year – 2018, 2019

Base year – 2020

Forecast period – 2021 to 2027

Target Audience of the Global Single-Cell Analysis Market in Market Study:

Key Consulting Companies & Advisors
Large, medium-sized, and small enterprises
Venture capitalists
Value-Added Resellers (VARs)
Third-party knowledge providers
Investment bankers
Investors

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