

# **Global Cell Analysis Market Size study, By Product (Flow Cytometry Products, qPCR Products, Cell Microarrays, Microscopes, Spectrophotometers, Cell Counters, HCS Systems, Other Products), By Process (Cell Identification, Cell Viability, Cell Signaling Pathways/Signal Transduction, Cell Proliferation, Cell Counting and Quality Control, Cell Interaction, Target Identification and Validation, Single-cell Analysis), By End User (Pharmaceutical & Biotechnology Companies and CROs, Hospitals and Diagnostic Laboratories, Research Institutes, Cell Culture Collection Repositories, Other End Users), and Regional Forecasts 2022-2028**

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## **Abstracts**

Global Cell Analysis Market is valued approximately USD 18.38 billion in 2021 and is anticipated to grow with a healthy growth rate of more than 7.2% over the forecast period 2022-2028.

Cell Analysis is the study of proteomics, genomics, transcriptomics, metabolomics, and cell-cell interactions of living organisms at a single-cell level. Cell analysis is mainly adopted for analyzing, measuring, and sequencing the human genome at a single-cell collection. The growing availability of funding for cell-based research, increasing prevalence of chronic and infectious diseases, increasing geriatric population, coupled with the rising investment in the healthcare sector are the major factors attributing

towards the global market growth. For instance, according to the United Nation, in 2019, there were approximately 703 million persons aged 65 years or over across the globe. Moreover, the amount is anticipated to double and reached nearly 1.5 billion aged people by 2050. Therefore, the growing geriatric population is more prone to get affected by various neuroscience, chronic, and infectious diseases, which, in turn, is projected to stimulate the demand for cell analysis in the near future. However, the high cost of cell analysis instruments and shortage of skilled professionals impede the growth of the market over the forecast period of 2022-2028. Also, rising applications of cell analysis in personalized medicine and high growth prospects in emerging nations are anticipated to act as a catalyzing factor for the market demand during the forecast period.

The key regions considered for the Global Cell Analysis Market study include Asia Pacific, North America, Europe, Latin America, and the Rest of the World. North America is the leading region across the world in terms of market share owing to the increasing number of initiatives for drug discovery and the presence of a favorable business environment. Whereas, Asia-Pacific is anticipated to exhibit the highest CAGR over the forecast period 2022-2028. Factors such as the rising availability of funds by the government, increasing presence of pharmaceutical & biotechnology companies and growth of emerging economies such as India and China would create lucrative growth prospects for the Cell Analysis market across the Asia-Pacific region.

Major market players included in this report are:

Danaher Corporation  
Thermo Fisher Scientific Inc.  
Becton, Dickinson and Company  
Merck KGaA  
GE Healthcare  
Agilent Technologies Inc.  
Olympus Corporation  
PerkinElmer Inc.  
Promega Corporation  
Tecan Group  
Bio-Rad Laboratories Inc.

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 industry 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 product offerings of key players. The detailed segments and sub-segment of the market are explained below:

#### By Product

Flow Cytometry Products

qPCR Products

Cell Microarrays

Microscopes

Spectrophotometers

Cell Counters

HCS Systems

Other Products

#### By Process

Cell Identification

Cell Viability

Cell Signaling Pathways/Signal Transduction

Cell Proliferation

Cell Counting and Quality Control

Cell Interaction

Target Identification and Validation

Single-cell Analysis

#### By End User

Pharmaceutical & Biotechnology Companies and CROs

Hospitals and Diagnostic Laboratories

Research Institutes

Cell Culture Collection Repositories

Other End Users

#### 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, 2020

Base year – 2021

Forecast period – 2022 to 2028

Target Audience of the Global 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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