

Global Cell Analysis Market Size study, by Process (Single Cell Analysis, Cell Proliferation, Cell Counting and Quality Control, Cell Interaction), by Product (Instrument & Consumables) & by End user (Pharmaceutical, Hospital, CRO, Biotechnology) - Forecast 2020

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Abstracts

Global Cell Analysis Market to reach USD 37.00 billion by 2025.

Global Cell Analysis Market valued approximately USD 21.54 billion in 2017 is anticipated to grow with a healthy growth rate of more than 7.07% over the forecast period 2018-2025.

The Corporate & Government Funding for cell-based research, Surging Healthcare Industry & Medical Spending, Escalating Incidence of Infectious & Chronic diseases, Rising prevalence of cancer and Introduction of Technologically Advanced Products are the major factors which are driving in the growth of the Global Cell Analysis Market. However, Time consuming & complex regulatory guidelines framed by various central governments, High cost associated with cell analysis systems along with rational property rights raises concerns for innovations in assay kits . In the present scenario, cell analysis has emerged as pivotal tool for medical experts and healthcare researchers. Cell analysis is a method of analyzing & measuring the various properties of cell that consists of shape & size along with cellular parameters which includes availability & mechanism of specific proteins. Moreover, cell assay also benefits us to monitor & study entire cellular processes which consist of proliferation and growth. The improved accuracy of the cell imaging & analysis system benefits in lowering the cost & time realted to the drug discovery processes. In the present scenario, most of the cells

are monitored & studies in masses consisting thousand of cells per sample & results are further analyzed on the basis of specific or average response of the cells. So in order to extract accurate & effective cell analysis it is utmost to monitor & study how precisely & exactly individual cells respond which is further augmenting the development & growth of cell analysis market on the global scenario.

The regional analysis of Global Cell Analysis Market is considered for the key regions such as Asia Pacific, North America, Europe, Latin America and Rest of the World. North America is the leading/significant region across the world in terms of market share. Whereas, owing to the countries such as China, Japan, and India, Asia Pacific region is anticipated to exhibit higher growth rate / CAGR over the forecast period 2018-2025. 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:

Consumables

Reagents

Assay Kits

Microplates

Other Consumables

Instruments

Microscopes

Spectrophotometers

Flow cytometry

Cell counters

Cell Microarrays

QPCR

(HCS) High Content Screening Systems

By Process:

Cell Identification

Cell viability

Cell signalling Pathways/ Signal Transduction

Cell Proliferation

Cell Counting and Quality Control

Cell Interaction

Cell Structure study

Target Identification and Validation

Single-Cell Analysis

By End User:

Laboratories

Cell Culture Collection repositories

CROS (Contract research Organizations & Pharmaceutical and Biotechnology

companies

Hospitals & Academic and research Institutes

Other End users

By Regions:

North America

U.S.

Canada

Europe

UK

Germany

Asia Pacific

China

India

Japan

Latin America

Brazil

Mexico

Rest of the World

Furthermore, years considered for the study are as follows:

Global Cell Analysis Market Size study, by Process (Single Cell Analysis, Cell Proliferation, Cell Counting an...

Historical year – 2015, 2016

Base year – 2017

Forecast period – 2018 to 2025

The industry is seeming to be fairly competitive. Some of the leading market players include Becton Dickinson and Company, Thermo fisher scientific Inc., GE Healthcare, Danaher Corporation, Olympus Corporation, Promega Corporation, Perkinelmer Inc., Tecan Group Ltd., Merck KGAA, Agilent Technologies Inc and so on. Acquisitions and effective mergers are some of the strategies adopted by the key manufacturers. New product launches and continuous technological innovations are the key strategies adopted by the major players.

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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