

Global Molecular Cytogenetics Market Size study, by Product (Kits & Reagents, Instruments, Consumables, Software & Services), by Application (Genetic Disorders, Cancer, Personalized Medicine, Other Applications), by End-use (Clinical & Research Laboratories, Academic Research Institutes, Pharmaceutical and Biotechnology Companies, Other End-users) and Regional Forecasts 2022-2028

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Abstracts

Global Molecular Cytogenetics Market is valued at approximately USD 2.5 billion in 2021 and is anticipated to grow with a healthy growth rate of more than 10.00 % over the forecast period 2022-2028. Molecular Cytogenetics is defined as a large set of techniques that operate either with the entire genome or with specific targeted DNA sequences. Increasing incidence of genetic disorders and cancer, exponential rise in population and chronic diseases has led to the adoption of Molecular Cytogenetics across the forecast period. For Instance: As per the National Cancer Institute In 2020, an estimated 1,806,590 new cases of cancer will be diagnosed in the United States and 606,520 people will die from the disease. Also, with the technological advancements, the adoption & demand for Molecular Cytogenetics 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 2022-2028.

The key regions considered for the Global Molecular Cytogenetics Market study include Asia Pacific, North America, Europe, Latin America and Rest of the World. North America is the leading region across the world in terms of market share owing to the rise in healthcare expenditure. Whereas, Asia Pacific is also anticipated to exhibit the

highest growth rate over the forecast period 2022-2028. Factors such as high incidence and large economic burden of genetic disorders and cancer, presence of pharmaceutical and biotechnology companies are responsible for lucrative growth prospects for the Molecular Cytogenetics Market across Asia Pacific region.

Major market players included in this report are:

Thermo Fisher Scientific Inc
ABBott Laboratories, Inc.
Agilent Technologies, Inc.
Applied Spectral Imaging
Bio-Rad Laboratories, Inc.
Danaher Corporation
Illumina, Inc.
Oxford Gene Technology (OGT)
PerkinElmer, Inc.
Hoffmann-LA Roche Ltd.

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:

Kits & Reagents
Instruments
Consumables
Software & Services

By Application:

Genetic Disorders
Cancer
Personalized Medicine
Other Applications

By End-Use:

Clinical & Research Laboratories
Academic Research Institutes
Pharmaceutical and Biotechnology Companies

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 Molecular Cytogenetics 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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