

Global Reporter Gene Assay Market Size study, By Product (Assay Kits, Reagents), By Application (Cell Signaling Pathways, Promoter Structural and Functional Analysis, Gene Regulation, Protein Interaction), By End User (Academic and Research Institutes, Pharmaceutical and Biotechnology Companies, Hospitals and Diagnostic Laboratories, CROs), and Regional Forecasts 2022-2028

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Abstracts

Global Reporter Gene Assay Market is valued approximately USD 1.94 Billion in 2021 and is anticipated to grow with a healthy growth rate of more than 10.1% over the forecast period 2022-2028.

Reporter gene assays are the most approved cell-based assays that are used to obtain insights into the biological role of target molecules. In other words, these assays are used to evaluate the regulatory capability of an unidentified DNA sequence. This procedure is carried out by connecting the several unknown agent sequence to a simply detectable reporter gene whose product can be easily perceived and measured. Accordingly, the growing applications of gene expression, rising adoption and availability of funding for cell-based assays, coupled with the increasing number of strategic developments by the leading company are the primary factors that stimulating the market demand globally. For instance, in 2018, Thermo Fisher acquired an Advanced Bioprocessing business from BD with the aim of strengthening the company's cell-culture media products and developing technical services program. Also, in 2017, Becton, Dickinson, and Company acquired C.R Bard with the objective of advanced BD's product portfolio and reinforcing the company's geographical

footprints. However, the high cost of cell biology research and shortage of skilled professionals impedes the growth of the market over the forecast period of 2022-2028. Also, the development of the emerging economies and surging demand for personalized medicine are anticipated to act as a catalyzing factor for the market demand during the forecast period.

The key regions considered for the global Reporter Gene Assay 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 introduction of several programs by the academic and research institutes and the availability of advanced healthcare facilities. Whereas, Asia-Pacific is anticipated to exhibit the highest CAGR over the forecast period 2022-2028. Factors such as the rising prevalence of genetic disorders, the presence of a large customer base, as well as increasing per capita income, would create lucrative growth prospects for the Reporter Gene Assay market across the Asia-Pacific region.

Major market players included in this report are:

Thermo Fisher Scientific

Promega Corporation

PerkinElmer Inc.

Abcam plc

Bio-Rad Laboratories Inc.

Becton, Dickinson and Company

Danaher Corporation

Geno Technology Inc.

Genecopoeia Inc.

PromoCell GmbH

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

Assay Kits

Reagents

By Application

Cell Signalling Pathways

Promoter Structural and Functional Analysis

Gene Regulation

Protein Interaction

By End User

Academic and Research Institutes

Pharmaceutical and Biotechnology Companies

Hospitals and Diagnostic Laboratories

CROs

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 Reporter Gene Assay 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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