

Reporter Gene Assay Market Report: Trends, Forecast and Competitive Analysis

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Abstracts

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The future of the global reporter gene assay market looks promising with opportunities in the gene regulation, protein interaction, cell signalling pathways, and promoter structural and functional analysis applications. The global reporter gene assay market is expected to grow with a CAGR of 9%-11% from 2020 to 2025. The major drivers for this market are increasing prevalence for cell-based assay, rising usage of gene expression, and increasing adoption of reporter genes to study the signal transduction pathways originating from the cell surface receptors.

A total of XX figures / charts and XX tables are provided in this more than 150-page report to help in your business decisions. Sample figures with some insights are shown below. To learn the scope, benefits, companies researched, and other details of the global reporter gene assay market report, please download the report brochure.

The study includes trends and forecast for the global reporter gene assay market by product, usage, application, end user, and region as follows:

By Product [Value (\$ Million) shipment analysis for 2014 – 2025]:

Reagents

Assay Kits

By Usage [Value (\$ Million) shipment analysis for 2014 – 2025]:

Drug Discovery Programs

Chemical Biology Programs

Biochemical Screening

Cell- & Organ-based Screening

By Application [Value (\$ Million) shipment analysis for 2014 – 2025]:

Gene Regulation

Protein Interaction

Cell Signaling Pathways

Promoter Structural and Functional Analysis

By End User [Value (\$ Million) shipment analysis for 2014 – 2025]:

Academic & Research Institutes

Pharmaceutical & Biotechnology Companies

Contract Research Organizations

Hospital & Diagnostic Laboratories

By Region [Value (\$ Million) shipment analysis for 2014 – 2025]:

North America

United States

Canada

Mexico

Europe

United Kingdom

Germany

France

Asia Pacific

China

India

Japan

The Rest of the World

Brazil

Some of the reporter gene assay companies profiled in this report includes Merck, Thermo Fisher Scientific, Promega, PerkinElmer, Biotium, Abcam, Bio-Rad Laboratories, B&D, Danaher, and Geno Technology.

Lucintel forecasts that the assay kits will remain the largest segment over the forecast period as it is preferred more as compared to standalone reagents in cases where a validated protocol for assay development is available.

Within this market, cell signaling pathways will remain the fastest growing segment by application over the forecast period due to rising adoption of reporter assays for GPCR (G Protein-coupled Receptor) signaling investigations and for screening of chemicals that cause signaling disruption.

North America will remain the largest region over the forecast period due to presence of several programs in the field of molecular imaging driven by academic and research institutes and initiatives undertaken to accelerate the development of gene therapies by

the biotechnology companies and healthcare facilities in the region.

Features of the Global Reporter Gene Assay Market

Market Size Estimates: Global reporter gene assay market size estimation in terms of value (\$M) shipment.

Trend and Forecast Analysis: Market trends (2014-2019) and forecast (2020-2025) by various segments.

Segmentation Analysis: Global reporter gene assay market size by various segments, such as product, usage, application, and end user in terms of value.

Regional Analysis: Global reporter gene assay market breakdown by North America, Europe, Asia Pacific, and Rest of the World.

Growth Opportunities: Analysis of growth opportunities in different product, usage, application, end user, and region for the global reporter gene assay market.

Strategic Analysis: This includes M&A, new product development, and competitive landscape of the global reporter gene assay market.

Analysis of competitive intensity of the industry based on Porter's Five Forces model.

This report answers following key questions

Q.1 What are some of the most promising potential, high-growth opportunities for the global reporter gene assay market by product (reagents and assay kits), usage (drug discovery programs, chemical biology programs, biochemical screening, and cell- & organ-based screening), application (gene regulation, protein interaction, cell signaling pathways, and promoter structural & functional analysis), end users (academic & research institutes, pharmaceutical & biotechnology companies, contract research organizations, and hospital & diagnostic laboratories), and region (North America, Europe, Asia Pacific, and Rest of the World)?

Q.2 Which segments will grow at a faster pace and why?

Q.3 Which region will grow at a faster pace and why?

Q.4 What are the key factors affecting market dynamics? What are the drivers and challenges of the global reporter gene assay market?

Q.5 What are the business risks and threats to the global reporter gene assay market?

Q.6 What are the emerging trends in this reporter gene assay market and the reasons behind them?

Q.7 What are some changing demands of customers in this reporter gene assay market?

Q.8 What are the new developments in this reporter gene assay market? Which companies are leading these developments?

Q.9 Who are the major players in this reporter gene assay market? What strategic initiatives are being implemented by key players for business growth?

Q.10 What are some of the competitive products and processes in this reporter gene assay market, and how big of a threat do they pose for loss of market share via material or product substitution?

Q.11 What M&A activities did take place in the last five years in the global reporter gene assay market?

Report Scope

Key Features Description

Base Year for Estimation 2019

Trend Period

(Actual Estimates) 2014-2019

Forecast Period 2020-2025

Pages More than 150

Market Representation / Units Revenue in US \$ Million

Report Coverage Market Trends & Forecasts, Competitor Analysis, New Product Development, Company Expansion, Merger, Acquisitions & Joint Venture, and Company Profiling

Market Segments Product (Reagents and Assay Kits), Usage (Drug Discovery Programs, Chemical Biology Programs, Biochemical Screening, and Cell- & Organ-

Based Screening), Application (Gene Regulation, Protein Interaction, Cell Signaling Pathways, and Promoter Structural & Functional Analysis), and End Users (Academic & Research Institutes, Pharmaceutical & Biotechnology Companies, Contract Research Organizations, and Hospital & Diagnostic Laboratories)

Regional Scope North America (USA, Mexico, and Canada), Europe (United Kingdom, Germany, and France), Asia (China, India, and Japan), and ROW (Brazil)

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