

G Protein Coupled Receptors Market Size, Trends, Analysis, and Outlook By Product (Cell Lines, Detection Kits, Cell Culture Reagents, Ligands), By Assay Type (cAMP Functional Assays, Calcium Functional Assays, β -Arrestin Functional Assays, Radioligand Binding and GTP γ S Functional Assays, Internalization Assays, Trafficking Assays, Others), By Application (Cancer Research, CNS Research, Metabolic Research, Cardiovascular Research, Inflammation Research, Respiratory Research, Others), by Region, Country, Segment, and Companies, 2024-2030

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Abstracts

The global G Protein Coupled Receptors market size is poised to register 5.77% growth from 2024 to 2030, presenting significant growth prospects for companies operating in the industry. The industry study analyzes the global G Protein Coupled Receptors market across By Product (Cell Lines, Detection Kits, Cell Culture Reagents, Ligands), By Assay Type (cAMP Functional Assays, Calcium Functional Assays, β -Arrestin Functional Assays, Radioligand Binding and GTP γ S Functional Assays, Internalization Assays, Trafficking Assays, Others), By Application (Cancer Research, CNS Research, Metabolic Research, Cardiovascular Research, Inflammation Research, Respiratory Research, Others).

The G protein-coupled receptors (GPCRs) market is experiencing significant growth

attributed to the increasing understanding of GPCR signaling pathways, rising prevalence of GPCR-related diseases, and advancements in drug discovery technologies targeting GPCRs. In 2024 and beyond, factors such as the expanding applications in cardiovascular, neurological, and metabolic disorders, development of novel GPCR-targeted therapeutics, and rising investments in GPCR research are driving market evolution. Additionally, the emergence of biologics and allosteric modulators, integration of structure-based drug design approaches, and collaborations between pharmaceutical companies and academic research institutions contribute to market expansion.

G Protein Coupled Receptors Market Drivers, Trends, Opportunities, and Growth Opportunities

This comprehensive study discusses the latest trends and the most pressing challenges for industry players and investors. The G Protein Coupled Receptors market research analyses the global market trends, key drivers, challenges, and opportunities in the industry. In addition, the latest Future of G Protein Coupled Receptors survey report provides the market size outlook across types, applications, and other segments across the world and regions. It provides data-driven insights and actionable recommendations for companies in the G Protein Coupled Receptors industry.

Key market trends defining the global G Protein Coupled Receptors demand in 2024 and Beyond

The industry continues to remain an attractive hub for opportunities for both domestic and global vendors. As the market evolves, factors such as emerging market dynamics, demand from end-user sectors, a growing patient base, changes in consumption patterns, and widening distribution channels continue to play a major role.

G Protein Coupled Receptors Market Segmentation- Industry Share, Market Size, and Outlook to 2030

The G Protein Coupled Receptors industry comprises a wide range of segments and sub-segments. The rising demand for these product types and applications is supporting companies to increase their investment levels across niche segments. Accordingly, leading companies plan to generate a large share of their future revenue growth from expansion into these niche segments. The report presents the market size outlook across segments to support G Protein Coupled Receptors companies scaling up production in these sub-segments with a focus on expanding into emerging

countries.

Key strategies adopted by companies within the G Protein Coupled Receptors industry

Leading G Protein Coupled Receptors companies are boosting investments to capitalize on untapped potential and future possibilities across niche market segments and surging demand conditions in key regions. Further, companies are leveraging advanced technologies to unlock opportunities and achieve operational excellence. The report provides key strategies opted for by the top 10 G Protein Coupled Receptors companies.

G Protein Coupled Receptors Market Study- Strategic Analysis Review

The G Protein Coupled Receptors market research report dives deep into the qualitative factors shaping the market, empowering you to make informed decisions-

Industry Dynamics: Porter's Five Forces analysis to understand bargaining power, competitive rivalry, and threats that impact long-term strategy formulation.

Strategic Insights: Provides valuable perspectives on key players and their approaches based on comprehensive strategy analysis.

Internal Strengths and Weaknesses: Develop targeted strategies to leverage strengths, address weaknesses, and capitalize on market opportunities.

Future Possibilities: Prepare for diverse outcomes with in-depth scenario analysis. Explore potential market disruptions, technology advancements, and economic changes.

G Protein Coupled Receptors Market Size Outlook- Historic and Forecast Revenue in Three Cases

The G Protein Coupled Receptors industry report provides a detailed analysis and outlook of revenue generated by companies from 2018 to 2023. Further, with actual data for 2023, the report forecasts the market size outlook from 2024 to 2030 in three case scenarios- low case, reference case, and high case scenarios.

G Protein Coupled Receptors Country Analysis and Revenue Outlook to 2030

The report analyses 22 countries worldwide including the key driving forces and market size outlook from 2021 to 2030. In addition, region analysis across Asia Pacific, Europe, the Middle East, Africa, North America, and South America is included in the study. For each of the six regions, the market size outlook by segments is forecast for 2030.

North America G Protein Coupled Receptors Market Size Outlook- Companies plan for focused investments in a changing environment

The US continues to remain the market leader in North America, driven by a large consumer base, the presence of well-established providers, and a strong end-user industry demand. Leading companies focus on new product launches in the changing environment. The US economy is expected to grow in 2024 (around 2.2% growth in 2024), potentially driving demand for various G Protein Coupled Receptors market segments. Similarly, Strong end-user demand is encouraging Canadian G Protein Coupled Receptors companies to invest in niche segments. Further, as Mexico continues to strengthen its trade relations and invest in technological advancements, the Mexico G Protein Coupled Receptors market is expected to experience significant expansion, offering lucrative opportunities for both domestic and international stakeholders.

Europe G Protein Coupled Receptors Market Size Outlook-Companies investing in assessing consumers, categories, competitors, and capabilities

The German industry remains the major market for companies in the European G Protein Coupled Receptors industry with consumers in Germany, France, the UK, Spain, Italy, and others anticipated to register a steady demand throughout the forecast period, driving the overall market prospects. In addition, the proactive approach of businesses in identifying and leveraging new growth prospects positions the European G Protein Coupled Receptors market for an upward trajectory, fostering both domestic and international interest. Leading brands operating in the industry are emphasizing effective marketing strategies, innovative product offerings, and a keen understanding of consumer preferences.

Asia Pacific G Protein Coupled Receptors Market Size Outlook- an attractive hub for opportunities for both local and global companies

The increasing prevalence of indications, robust healthcare expenditure, and increasing

investments in healthcare infrastructure drive the demand for G Protein Coupled Receptors in Asia Pacific. In particular, China, India, and South East Asian G Protein Coupled Receptors markets present a compelling outlook for 2030, acting as a magnet for both domestic and multinational manufacturers seeking growth opportunities. Similarly, with a burgeoning population and a rising middle class, India offers a vast consumer market. Japanese and Korean companies are quickly aligning their strategies to navigate changes, explore new markets, and enhance their competitive edge. Our report utilizes in-depth interviews with industry experts and comprehensive data analysis to provide a comprehensive outlook of 6 major markets in the region.

Latin America G Protein Coupled Receptors Market Size Outlook- Continued urbanization and rising income levels

Rising income levels contribute to greater purchasing power among consumers, spurring consumption and creating opportunities for market expansion. Continued urbanization and rising income levels are expected to sustainably drive consumption growth in the medium to long term.

Middle East and Africa G Protein Coupled Receptors Market Size Outlook- continues its upward trajectory across segments

Robust demand from Middle Eastern countries including Saudi Arabia, the UAE, Qatar, Kuwait, and other GCC countries supports the overall Middle East G Protein Coupled Receptors market potential. Fueled by increasing healthcare expenditure of individuals, growing population, and high prevalence across a few markets drives the demand for G Protein Coupled Receptors.

G Protein Coupled Receptors Market Company Profiles

The global G Protein Coupled Receptors market is characterized by intense competitive conditions with leading companies opting for aggressive marketing to gain market shares. The report presents business descriptions, SWOT analysis, growth strategies, and financial profiles. Leading companies included in the study are Abcam plc, Addex Therapeutics, Becton, Dickinson and Company, BioInvenu Inc, Danaher (Molecular Devices LLC), Enzo Biochem Inc (Enzo Life Sciences Inc), Eurofins Scientific, HD Biosciences Co. Ltd, Merck KGaA, PerkinElmer Inc, Promega Corp, Thermo Fisher Scientific

Recent G Protein Coupled Receptors Market Developments

The global G Protein Coupled Receptors market study presents recent market news and developments including new product launches, mergers, acquisitions, expansions, product approvals, and other updates in the industry.

G Protein Coupled Receptors Market Report Scope

Parameters: Revenue, Volume Price

Study Period: 2023 (Base Year); 2018- 2023 (Historic Period); 2024- 2030 (Forecast Period)

Currency: USD; (Upon request, can be provided in Euro, JPY, GBP, and other Local Currency)

Qualitative Analysis

Pricing Analysis

Value Chain Analysis

SWOT Profile

Market Dynamics- Trends, Drivers, Challenges

Porter's Five Forces Analysis

Macroeconomic Impact Analysis

Case Scenarios- Low, Base, High

Market Segmentation:

By Product

Cell Lines

Detection Kits

Cell Culture Reagents

Ligands

By Assay Type

cAMP Functional Assays

Calcium Functional Assays

?-Arrestin Functional Assays

Radioligand Binding and GTP?S Functional Assays

Internalization Assays

Trafficking Assays

Others

By Application

Cancer Research

CNS Research

Metabolic Research

Cardiovascular Research

Inflammation Research

Respiratory Research

Others

Geographical Segmentation:

North America (3 markets)

Europe (6 markets)

Asia Pacific (6 markets)

Latin America (3 markets)

Middle East Africa (5 markets)

Companies

Abcam plc

Addex Therapeutics

Becton, Dickinson and Company

BioInvenu Inc

Danaher (Molecular Devices LLC)

Enzo Biochem Inc (Enzo Life Sciences Inc)

Eurofins Scientific

HD Biosciences Co. Ltd

Merck KGaA

PerkinElmer Inc

Promega Corp

Thermo Fisher Scientific

Formats Available: Excel, PDF, and PPT

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Ligands

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Calcium Functional Assays

?-Arrestin Functional Assays

Radioligand Binding and GTP?S Functional Assays

Internalization Assays

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CNS Research

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 - Eurofins Scientific
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 - Merck KGaA
 - PerkinElmer Inc

Promega Corp
Thermo Fisher Scientific

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