

Glycomics Market Size, Trends, Analysis, and Outlook By Product (Enzymes, Instruments, Kits, Carbohydrates, Reagents & Chemicals), By Application (Drug Discovery & Development, Diagnostics, Cancer Diagnostics, Others, Others), By End-User (Academic & Research Institutes, Pharmaceutical & Biotechnology Companies, Clinical Laboratories, Contract Research Organizations (CROs)), by Country, Segment, and Companies, 2024-2032

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Abstracts

The global Glycomics market size is poised to register 13.5% growth from 2024 to 2032, presenting significant growth prospects for companies operating in the industry. The industry study analyzes the global Glycomics market across By Product (Enzymes, Instruments, Kits, Carbohydrates, Reagents & Chemicals), By Application (Drug Discovery & Development, Diagnostics, Cancer Diagnostics, Others, Others), By End-User (Academic & Research Institutes, Pharmaceutical & Biotechnology Companies, Clinical Laboratories, Contract Research Organizations (CROs))

The glycomics market is driven by the increasing recognition of glycans and glycoproteins in biological processes and disease pathogenesis, advancements in glycomics technologies and analytical methods, and the growing interest in glycoengineering and glycan-based therapeutics. By 2030, the market is poised to witness steady growth, driven by innovations in glycan analysis, glycoprotein profiling, and glycoconjugate synthesis. Further, expanding applications in biomarker discovery,

drug development, and immunotherapy are expected to drive market expansion, enabling researchers, biotech companies, and pharmaceutical manufacturers to elucidate glycan structures, characterize glycan-protein interactions, and engineer glycoforms through glycomics solutions that offer high throughput, sensitivity, and reproducibility for glycan research and glycoengineering applications in biomedical science and biotechnology.

Glycomics 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 Glycomics market research analyses the global market trends, key drivers, challenges, and opportunities in the industry. In addition, the latest Future of Glycomics 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 Glycomics industry.

Key market trends defining the global Glycomics 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.

Glycomics Market Segmentation- Industry Share, Market Size, and Outlook to 2032

The Glycomics 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 Glycomics companies scaling up production in these sub-segments with a focus on expanding into emerging countries.

Key strategies adopted by companies within the Glycomics industry

Leading Glycomics 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 Glycomics companies.

Glycomics Market Study- Strategic Analysis Review

The Glycomics 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.

Glycomics Market Size Outlook- Historic and Forecast Revenue in Three Cases

The Glycomics 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 2032 in three case scenarios- low case, reference case, and high case scenarios.

Glycomics Country Analysis and Revenue Outlook to 2032

The report analyses 22 countries worldwide including the key driving forces and market size outlook from 2021 to 2032. 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 2032.

North America Glycomics 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 healthcare infrastructure. Leading companies focus on new product launches in the changing environment. The US healthcare expenditure is expected to grow to \$4.8 trillion in 2024 (around 3.7% growth in 2024), potentially driving demand for various Glycomics market segments. Similarly, Strong market demand is encouraging Canadian Glycomics companies to invest in niche segments. Further, as Mexico continues to strengthen its relations and invest in technological advancements, the Mexico Glycomics market is expected to experience significant expansion, offering lucrative opportunities for both domestic and international stakeholders.

Europe Glycomics Market Size Outlook-Companies investing in assessing consumers, categories, competitors, and capabilities

The German industry remains the major market for companies in the European Glycomics 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 vendors in identifying and leveraging new growth prospects positions the European Glycomics 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 Glycomics 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 Glycomics in Asia Pacific. In particular, China, India, and South East Asian Glycomics markets present a compelling outlook for 2032, acting as a magnet for both domestic and multinational vendors 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 countries in the APAC region.

Latin America Glycomics 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 Glycomics 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 Glycomics market potential. Fueled by increasing healthcare expenditure of individuals, growing population, and high prevalence across a few markets drives the demand for Glycomics.

Glycomics Market Company Profiles

The global Glycomics 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 Agilent Technologies Inc, AMS Biotechnology (Europe) Ltd, Bio-Techne Corp, Bruker Corp, CD BioGlyco Inc, Chemily Glycoscience Inc, Danaher Corp, GlycoDiag Inc, Glycomix Ltd, Glyxera GmbH, IEC Group Inc, Kode Biotech Ltd, Lectenz Bio LLC, Ludger Ltd, Merck KGaA, New England Biolabs, Promega Corp, Shimadzu Corp, Sumitomo Bakelite Co. Ltd, Takara Bio Inc, Thermo Fisher Scientific, Waters Corp, Z Biotech LLC.

Recent Glycomics Market Developments

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

Glycomics Market Report Scope

Parameters: Revenue, Volume Price

Study Period: 2023 (Base Year); 2018- 2023 (Historic Period); 2024- 2032 (Forecast)

Glycomics Market Size, Trends, Analysis, and Outlook By Product (Enzymes, Instruments, Kits, Carbohydrates, Re...

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

Enzymes

-Glycosidases

-Transferases

-Others

Instruments

-Mass Spectrometry Instruments

-Chromatography Instruments

-Arrays

-Others

Kits

-Glycan Releasing Kits

-Glycan Purification Kits

-Glycan Labeling Kits

-Others

Carbohydrates

-Oligosaccharides

-Polysaccharides

-Others

Reagents & Chemicals

By Application

Drug Discovery & Development

Diagnostics

Cancer Diagnostics

Others

Others

By End-User

Academic & Research Institutes

Pharmaceutical & Biotechnology Companies

Clinical Laboratories

Contract Research Organizations (CROs)

Geographical Segmentation:

North America (3 markets)

Europe (6 markets)

Asia Pacific (6 markets)

Latin America (3 markets)

Middle East Africa (5 markets)

Companies

Agilent Technologies Inc

AMS Biotechnology (Europe) Ltd

Bio-Techne Corp

Bruker Corp

CD BioGlyco Inc

Chemily Glycoscience Inc

Danaher Corp

GlycoDiag Inc

Glycomix Ltd

Glyxera GmbH

IEC Group Inc

Kode Biotech Ltd

Lectenz Bio LLC

Ludger Ltd

Merck KGaA

New England Biolabs

Promega Corp

Shimadzu Corp

Sumitomo Bakelite Co. Ltd

Takara Bio Inc

Thermo Fisher Scientific

Waters Corp

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 - Others

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- Chromatography Instruments
- Arrays
- Others

Kits

- Glycan Releasing Kits
- Glycan Purification Kits
- Glycan Labeling Kits
- Others

Carbohydrates

- Oligosaccharides
- Polysaccharides
- Others

Reagents & Chemicals

By Application

Drug Discovery & Development

Diagnostics

Cancer Diagnostics

Others

Others

By End-User

Academic & Research Institutes

Pharmaceutical & Biotechnology Companies

Clinical Laboratories

Contract Research Organizations (CROs)

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Agilent Technologies Inc
AMS Biotechnology (Europe) Ltd
Bio-Techne Corp
Bruker Corp
CD BioGlyco Inc
Chemily Glycoscience Inc
Danaher Corp
GlycoDiag Inc
Glycomix Ltd
Glyxera GmbH
IEC Group Inc
Kode Biotech Ltd
Lectenz Bio LLC
Ludger Ltd

Merck KGaA
New England Biolabs
Promega Corp
Shimadzu Corp
Sumitomo Bakelite Co. Ltd
Takara Bio Inc
Thermo Fisher Scientific
Waters Corp
Z Biotech LLC.

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