Glycomics is the comprehensive study of glycomes (the entire complement of sugars, whether free or present in more complex molecules of an organism), including genetic, physiologic, pathologic, and other aspects. Glycomics "is the systematic study of all glycan structures of a given cell type or organism" and is a subset of glycobiology. The term glycomics is derived from the chemical prefix for sweetness or a sugar, "glyco-", and was formed to follow the omics naming convention established by genomics (which deals with genes) and proteomics (which deals with proteins).

The complexity of sugars: regarding their structures, they are not linear instead they are highly branched. Moreover, glycans can be modified (modified sugars), this increases its complexity.

The global Glycomics market is valued at xx million US$ in 2018 and will reach xx million US$ by the end of 2025, growing at a CAGR of xx% during 2019-2025. The objectives of this study are to define, segment, and project the size of the Glycomics market based on company, product type, end user and key regions.

This report studies the global market size of Glycomics in key regions like North America, Europe, Asia Pacific, Central & South America and Middle East & Africa, focuses on the consumption of Glycomics in these regions.

This research report categorizes the global Glycomics market by top players/brands, region, type and end user. This report also studies the global Glycomics market status, competition landscape, market share, growth rate, future trends, market drivers, opportunities and challenges, sales channels and distributors.

The following manufacturers are covered in this report, with sales, revenue, market share for each company:

- New England Biolabs
- ProZyme
- Shimadzu Corporation
- Merck KGaA
- Takara Bio
- Thermo Fisher Scientific
- Waters Corporation
- Agilent Technologies
- Bruker Corporation
- Danaher Corporation
- Market size by Product
- Reagents
- Instruments
- Kits
- Enzymes
- Market size by End User
- Diagnostics
- Drug Discovery & Development
- Oncology
- Immunology
- Others
- Market size by Region
- North America
- United States
- Canada
- Mexico
- Asia-Pacific
- China
- India
- Japan
- South Korea
- Australia
- Indonesia
- Singapore
- Malaysia
- Philippines
- Thailand
- Vietnam
- Europe
- Germany
- France
- UK
- Italy
- Spain
- Russia
- Central & South America
- Brazil
- Rest of Central & South America
- Middle East & Africa
The study objectives of this report are:
To study and analyze the global Glycomics market size (value & volume) by company, key regions, products and end user, breakdown data from 2014 to 2018, and forecast to 2025.
To understand the structure of Glycomics market by identifying its various subsegments.
To share detailed information about the key factors influencing the growth of the market (growth potential, opportunities, drivers, industry-specific challenges and risks).
Focuses on the key global Glycomics companies, to define, describe and analyze the sales volume, value, market share, market competition landscape and recent development.
To project the value and sales volume of Glycomics submarkets, with respect to key regions.
To analyze competitive developments such as expansions, agreements, new product launches, and acquisitions in the market.
In this study, the years considered to estimate the market size of Glycomics are as follows:
History Year: 2014-2018
Base Year: 2018
Estimated Year: 2019
Forecast Year 2019 to 2025
This report includes the estimation of market size for value (million US$) and volume (K Units). Both top-down and bottom-up approaches have been used to estimate and validate the market size of Glycomics market, to estimate the size of various other dependent submarkets in the overall market. Key players in the market have been identified through secondary research, and their market shares have been determined through primary and secondary research. All percentage shares, splits, and breakdowns have been determined using secondary sources and verified primary sources.
For the data information by region, company, type and application, 2018 is considered as the base year. Whenever data information was unavailable for the base year, the prior year has been considered.

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