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Global Label-free Array Systems Market Size study & Forecast, by Technology (Surface Plasmon Resonance, Bio-layer Interferometry, Cellular Dielectric Spectroscopy, and Other Technologies), Application (Drug Discovery, Protein Interface Analysis, Antibody Characterization and Development, Protein Complex and Cascade Analysis, Other Applications), End User (Contract Research Organizations, Agricultural Research Institutes, R&D Laboratories, Other End Users), and Regional Analysis, 2022-2029

https://marketpublishers.com/r/GA12D68AF093EN.html
Date: February 2023
Pages: 200
Price: US$ 4,950.00 (Single User License)
ID: GA12D68AF093EN

Abstracts

The global Label-free Array Systems Market is valued at approximately USD XX billion in 2021 and is anticipated to grow with a healthy growth rate of more than XX % over the forecast period 2022-2029. Label-free Array Systems are used in the drug discovery process. It works on the principle of impedance-based assays, optical interferometry, refractive index, optical interferometry and for identifying and validating new molecules as possible drug candidates. It effectively reduces the time and cost for drug identification and validation process. The Label-free Array Systems market is expanding because of factors such as the rising awareness towards label detection techniques and increasing spending by pharmaceutical companies in the forecast period

According to the Statista in 2021, the pharmaceutical market is anticipated to generate revenue of around USD 148.00 billion in 2023. Also, the spending towards medicines, pharmaceutical drugs is rising. Also according to the Statista in 2021, around USD 1.42

trillion were spent on medicines. By 2026, the spending towards medicines is expected to reach around USD 1.8 trillion. Whereas rising technological advancement in label free technologies and growing R&D activities by market players create lucrative opportunities for the market. However, higher instrumentation costs hamper the market growth throughout the forecast period of 2022-2029.

The key regions considered for the Global Label-free Array Systems Market study include Asia Pacific, North America, Europe, Latin America, and the Rest of the World. North America dominated the market in terms of revenue, owing to the increasing prevalence of chronic disorders and growing drug discovery trials. Also, the Asia Pacific is expected to grow significantly during the forecast period, owing to factors such as increasing demand for label free array system and growing R&D activities by market players

Major market players included in this report are:
Corning Incorporated
GE Healthcare
Bruker Corporation
Bio-rad Laboratories
Eppendorf AG
Fluiditic Analytics
ThermoFisher Scientific
Shimadzu Corporation
Danaher Corporation (Molecular Devices LLC - FORTEBIO)
PerkinElmer

Recent Developments in the Market:
In June 2018, Bruker has acquired Sierra Sensors GmbH of Germany. Sierra creates cutting-edge analytical biosensors based on surface plasmon resonance (SPR) detection. Sierra instruments, which are powered by patented technologies in the fields of SPR detection and microfluidic sample delivery, are setting a new standard in high-throughput and high-performance label-free analysis.
In November 2018, Agilent Technologies, Inc. (Agilent) purchased ACEA Biosciences, Inc. (ACEA) to expand its label-free array system portfolio.
Global Label-free Array Systems Market Report Scope:
Historical Data 2019-2020-2021
Base Year for Estimation 2021
Forecast period 2022-2029
Report Coverage Revenue forecast, Company Ranking, Competitive Landscape,

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Growth factors, and Trends
Segments Covered Technology, Application, End-user, Region
Regional Scope North America; Europe; Asia Pacific; Latin America; Rest of the World
Customization Scope Free report customization (equivalent up to 8 analyst's working hours) with purchase. Addition or alteration to country, regional & segment scope*

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 years. The report is designed to incorporate both qualitative and quantitative aspects of the industry within countries involved in the study.

The report also caters detailed information about the crucial aspects such as driving factors & challenges which will define the future growth of the market. Additionally, it also incorporates potential 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 Technology:
Surface Plasmon Resonance
Bio Layer Interferometry
Cellular Dielectric Spectroscopy
Other Technologies

By Application:
Drug Discovery
Protein Interface Analysis
Antibody Characterization and Development
Protein Complex and Cascade Analysis
Other Applications

By End-User:
Contract Research Organizations
Agricultural Research Institutes
R&D Laboratories
Other End Users

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