

Next Generation Sequencing Sample Preparation Market Size to reach USD 6,630.0 Million by 2027- Emergen Research

NGS advancements, lower sequencing costs, and diagnostic test reimbursements drive market demand.

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/EINPresswire.com/ -- The global [next generation sequencing \(NGS\) sample preparation](#) Market is expected to reach USD 6,630.0 Million by 2027, according to a new report by Emergen Research. Numerous advantages of high-performance sequencing compared to technologies used in the field of genetics, including microarray and sanger-seq, are among the significant factors fueling the NGS sample preparation market growth.

Market Size - USD 3,110.0 Million in 2019, Market Growth – CAGR of 9.3%, Market Trends -High demand in the consumer genomics sector



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Some Key Highlights from the Report

By workflow, clonal amplification is likely to grow at the fastest rate of 9.5% in the forecast period in next generation sequencing (NGS) sample preparation market. Library clonal amplification helps in the generation of numerous copies of target interest areas. Clonal amplification automation offers to allow for simultaneous preparation of multiple libraries sequencing templates, thereby decreasing the preparation time of the sample.

By application, oncology, in terms of market size, dominated the next generation sequencing (NGS) sample preparation market in 2019. NGS, in comparison to traditional techniques, provides precision, rapidity, and sensitivity benefits with the potential to have a substantial impact on the oncology field, as NGS possess the ability to evaluate multiple genes in a single assay, thereby eradicating the necessity to order several tests for ascertaining the causative

mutation.

By end-users, academic research held the largest next generation sequencing (NGS) sample preparation market share of over 53.0% in the year 2019 because of the high penetration of research activities through seq-technology. This technology, on the other hand, is continuously growing in clinical and clinical research.

Leading Players Profiled in the Report:

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Segmental Analysis

The global Next Generation Sequencing Sample Preparation market is broadly segmented on the basis of different product types, application range, end-use industries, key regions, and an intensely competitive landscape. This section of the report is solely targeted at readers looking to select the most appropriate and lucrative segments of the Next Generation Sequencing Sample Preparation sector in a strategic manner.

The segmental analysis also helps companies interested in this sector make optimal business decisions and achieve their desired goals.

Workflow Outlook (Revenue, USD Billion; 2017-2027)

NGS Library Preparation Kit

Semi-Automated Library Preparation

Automated Library Preparation

Colonial Amplification

Application Outlook (Revenue, USD Billion; 2017-2027)

Oncology

Clinical Investigation

Reproductive Health

HLA Typing/Immune System Monitoring

End-Users Outlook (Revenue, USD Billion; 2017-2027)

Academic Research

Clinical Research

Key geographical areas:

North America

Europe

Asia Pacific

Latin America

Middle East & Africa

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Extensive data is obtained and cumulated on a substantial basis during the inception phase of the research process. The data accumulated is consistently filtered through validation from the in-house database, paid sources, annual report of companies, SEC filings, government press release, pricing databases and many more.

A robust research study requires an understanding of the overall value chain. Annual reports and financials of industry players are referred thoroughly to have a comprehensive idea of the market taxonomy.

Post conglomeration of the data obtained through secondary research; a validation process is initiated to verify the numbers or figures. This process is usually performed by having a detailed discussion with the industry experts. Discussions with the subject matter experts were conducted to obtain quantitative and qualitative information and validate our market research findings.

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