

Next-Generation Sequencing Market Emergen Demand, Industry Analysis, Trends, Size and Forecasts Research Report 2027

Next-Generation Sequencing Market Size – USD 9.67 billion in 2019, NGS Market Growth - CAGR of 10.9%

VANCOUVER, BC, CANADA, March 8, 2022 /EINPresswire.com/ -- The latest report by emergen research, titled 'Global [Next-Generation Sequencing Market](#)' studies a wide spectrum of factors impacting the performance of the Next-Generation Sequencing Market . The report includes a historical analysis of the market from 2020 to 2027 to provide the reader with a deep understanding of the current market scenario.



The global Next Generation Sequencing Market is expected to reach USD 23.59 Billion by 2027, according to a new report by Emergen Research. The benefits of high-performance sequencing compared to other generations, such as the sanger-seq and microarrays, are one of the main drivers of the Next Generation Sequencing (NGS) industry. Therefore, it is expected that the increased availability of low input DNA sampling methods would speed up the use of next-generation sequence across various clinical and research applications.

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New England Biolabs Technology that uses magnetic beads in the prototype assembly process is expected to boost next-generation sample preparedness protocols significantly. Moreover, the dropping costs and the added value of next-generation sequencing data relative to traditional data are anticipated to have a positive impact on this technology's diversification in other clinical areas and result in lucrative revenue growth.

Unfolding the prime factors prompting global market growth:

The study offers an in-depth analysis of the product outlook, which depicts the latest production growth trends and profit valuation. It further fragments the global Next-Generation Sequencing Market into a broad product spectrum.

The study covers essential data related to these products' application landscape, the demand for and market share held by each application type, and their growth rate analysis over the estimated period.

A detailed description of the distribution channels, including distributors, producers, and buyers, is one of the report's key market highlights.

Further key findings from the report suggest ;

The oncology application for next-generation sequencing was estimated with the biggest share of revenues on the market. This can be because the technology has largely been used to decipher the connection between cancer and genetics.

Due to its distinct advantages over the genome segment in terms of coverage scope and multiplexing capabilities, the targeted sequencing in the technology segment dominated the revenue share.

Academic research held the largest market share of 53.9% in the year 2019, and these organizations are the key end-users for revenue generation 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.

The emergence of an integrated platform based in the USA has accounted for North America's highest revenue share. Asia-Pacific is projected to expand fastest as domestics in China are growing, along with molecular diagnostics. Asia-Pacific is anticipated to register a CAGR of 11.5% during the forecast period.

To view the detailed ToC of the global Next-Generation Sequencing Market report, visit @ <https://www.emergenresearch.com/industry-report/next-generation-sequencing-market>

The study relies heavily on both qualitative and quantitative to generate, interpret and analyze raw data about the target market, product or services offered and prominent market players operating in the Next-Generation Sequencing Market for the forecast period, 2019 - 2027.

Main players in the market include Deere & Company, Topcon Positioning Systems, Trimble, Inc., DeLaval, Antelliq, Heliospectra, Afimilk Ltd., InnovaSea Systems, AKVA group, and Nexus Corporation, among others.

Segmented the global Next-Generation Sequencing Market :

Emergen Research has segmented the global Next Generation Sequencing Market on the basis of technology, workflow, application, end-use, and region:

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

Whole Genome Sequencing

Whole Exome Sequencing

Targeted Sequencing & Resequencing

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

Pre-sequencing

Sequencing

NGS Data Analysis

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

Clinical Investigation

Oncology

Reproductive Health

HLA Typing/Immune System Monitoring

Metagenomics, Epidemiology & Drug Development

Agrigenomics & Forensics

Consumer Genomics

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Next-Generation Sequencing Market Regional Overview:

The global Next-Generation Sequencing Market has been categorized on the basis of key geographical regions into North America, Asia Pacific, Europe, Latin America, and Middle East & Africa. It evaluates the presence of the global Next-Generation Sequencing Market in the major regions with regards to market share, market size, revenue contribution, sales network and distribution channel, and other key elements.

Global Next-Generation Sequencing Market Geographical Landscape - Synopsis:

The report closely studies the growth trajectory of the global Next-Generation Sequencing Market. It brings to light the global dominance of the leading regional segments, including North America, Asia Pacific, Europe, Latin America, and the Middle East & Africa.

The study elaborates on the crucial information pertaining to the regional market share. It simultaneously focuses on the significant details about the growth patterns of each regional market.

Moreover, the report encases an exhaustive geographical study of the market, emphasizing the business growth prospects and market barriers for each of the key market regions.

Table of Content

Chapter 1. Market Synopsis

Chapter 2. Executive Summary

Chapter 3. Indicative Metrics

Chapter 4. Next-Generation Sequencing Market Segmentation & Impact Analysis

Chapter 5. Next Generation Sequencing Market By Workflow Location Insights & Trends, Revenue (USD Million)

Chapter 6. Next Generation Sequencing Market By Technology Insights & Trends Revenue (USD Million)

Chapter 7. Next Generation Sequencing Market By Applications Insights & Trends Revenue (USD Million)

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