

Long Read Sequencing Market May See Big Move | Agilent Technologies, Longas Technologies Pty. Ltd, Bionano Genomics etc

Long Read Sequencing Market Size – USD 504.5 Million in 2020, Market Growth – at a CAGR of 21.1%

VANCOUVER, BC, CANADA, May 23, 2022 /EINPresswire.com/ -- Global long-read sequencing market size is expected to reach USD 2,313.8 Million in 2028 and register a revenue CAGR of 21.1% over the forecast period, according to latest report by Emergen. Rapid advancement in third generation long-read sequencing techniques due to continuous research and development is driving long-read sequencing market revenue growth.



Emergen Research Logo

The Global [Long Read Sequencing Market](#) research report is a comprehensive and vital document encompassing business strategies, qualitative and quantitative analysis, and emerging

trends of the global Long read sequencing market . The report offers in-depth research and assessment of the key elements of the global Long read sequencing market . The research analysts have formulated this report through thorough primary and secondary research with a detailed analysis of the drivers, restraints, challenges, trends, and opportunities to provide a panoramic view of the Long read sequencing market .

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Rapid advancement in third-generation long-read sequencing techniques and decreasing cost of sequencing are some of the key factors driving market revenue growth ”

Emergen Research

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Long-read sequencing helps in identifying genetic disorders, cancer progression, and tracking outbreak of diseases by providing genomic information. Growing acceptance towards modern

technologies to treat genetic disorders, decreasing cost of sequencing, and increasing number of cancer patient across the world is boosting demand for long-read sequencing. Furthermore, long-read sequencing technique is widely being used in whole-genome sequencing, owing to its contribution in discovering novel pathogenic mutation for various critical diseases with unknown causes.

Single-Molecule Real-Time (SMRT) sequencing segment accounted for a significantly large revenue share in 2020, owing to increasing demand by researchers across the world. SMRT sequencing offers high level of accuracy, due to low systematic bias and longer read lengths. Moreover, it is flexible as it can be used in sequencing of multiple sample types having different output length.

Major companies in the market report include Agilent Technologies, Inc., Beijing Genomics Institute (BGI) Genomics Co., Ltd., Bionano Genomics, Inc., Illumina, Inc., Longas Technologies Pty. Ltd., Novogene Co., Ltd., Oxford Nanopore Technologies, Inc., Pacific Biosciences of California, Inc., Quantapore, Inc., and PerkinElmer, Inc.

Product segment registered a significantly large revenue share in 2020, owing to rising demand for different long-read sequencing products such as kit and assays, systems and software among various verticals.

Oncology segment accounted for largest revenue share in 2020, owing to rising demand for technologically advanced and cost-effective diagnostic measures to treat cancer. Additionally, rise in investment for research and development in biotech and pharmaceutical industry has also made long-read sequencing a highly growing market.

Emergen Research has segmented global long-read sequencing market on the basis of technology, products and services, application, end use, and region:

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Other Sequencing Technologies

Products and Services Outlook (Revenue, USD Million, 2018–2028)

Products

Kits and Assays

Systems

Software

Consumables

Services

Application Outlook (Revenue, USD Million, 2018–2028)

Oncology

Infectious Diseases

Rare Diseases

Genetic Disorders

Metabolic Disorders

Translational Research

End Use Outlook (Revenue, USD Million, 2018–2028)

Academic and Research Institutions

Pharma and Biotech Companies

Clinical Laboratories

Hospitals and Clinics

Others

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The Long Read Sequencing Market report provides information about the market area, which is further subdivided into sub-regions and countries/regions. In addition to the market share in each country and sub-region, this chapter of this report also contains information on profit opportunities. This chapter of the report mentions the market share and growth rate of each region, country, and sub-region during the estimated period.

North America (USA and Canada)

Europe (UK, Germany, France and the rest of Europe)

Asia Pacific (China, Japan, India, and the rest of the Asia Pacific region)

Latin America (Brazil, Mexico, and the rest of Latin America)

Middle East and Africa (GCC and rest of the Middle East and Africa)

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What was the market size 2022?

What will be the market forecast till 2028, and what will be the market forecast in the current year?

Which segment or region will drive the market growth and why?

What are the key sustainability strategies adopted by the market players?

How will the drivers, barriers, and challenges affect the market scenario in the coming years?

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Chapter 1. Methodology & Sources

Chapter 2. Executive Summary

Chapter 3. Key Insights

Chapter 4 Long Read Sequencing Market Segmentation & Impact Analysis\

Chapter 5. Long Read Sequencing Market By Material Insights & Trends, Revenue (USD Million)

Chapter 6. Long Read Sequencing Market By Printing Component Insights & Trends, Revenue (USD Million)

Chapter 7. Long Read Sequencing Market By End-use Insights & Trends, Revenue (USD Million)

Chapter 8. Long Read Sequencing Market Regional Outlook

Chapter 9. Competitive Landscape

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