

# Whole Exome Sequencing Market to Reach USD 4,256.30 Million by 2030 | Next-Generation Sequencing Technique

*Whole Exome Sequencing Market Size – USD 1,034.79 Million in 2021, Market Growth – at a CAGR of 19.24%*

VANCOUVER, BC, CANADA, April 12, 2023 /EINPresswire.com/ -- The global [Whole Exome Sequencing Market](#) size was USD 1,034.79 Million in 2021 and is expected to register a revenue CAGR of 19.24% during the forecast period, according to latest analysis by Emergen Research. Major factors influencing market revenue growth include the increased prevalence of chronic and uncommon conditions, as well as the rising need for individualised therapy, next-generation sequencing, and genomics Research & Development (R&D).



Emergen Research Logo

Major factors influencing market revenue growth include the increased prevalence of chronic and uncommon conditions, as well as the rising need for individualised therapy, next-generation sequencing, and genomics Research & Development (R&D). With the use of the Next-Generation Sequencing (NGS) technique known as whole exome sequencing or exome sequencing, the entire genome's protein-coding regions are sequenced. This method is mostly employed to search for and identify variations and mutations in the entire genome of any



Increasing Prevalence of Chronic and Rare Diseases Driving Demand for Whole Exome Sequencing”

*Emergen Research*

gene's protein-coding region. Whole exome sequencing and targeted sequencing, as opposed to whole genome sequencing (WGS), provide a cost-benefit balance. Furthermore, this approach enables a thorough analysis of around 23,000 genes in the human genome in a single round of next-generation sequencing.

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The whole exome sequencing market is divided into systems, kits, and services based on the kind of product. In 2021, the services sector had the biggest revenue share. Researchers can spend more time on their work and less time on time-consuming analytical operations thanks to Next-Generation Sequencing (NGS) and data analysis services advanced bioinformatics visualisation capabilities. These sequence analysis services provide a wide range of services, including downstream DNA sequence analysis, library building from a variety of sources, and experimental planning. These services have simplified a variety of bioinformatics-related problems for scientists and researchers and have decreased the amount of time and money needed for sequencing and data management.

List of Top Key Companies Profiled in the Whole Exome Sequencing Market Illumina, Inc., Roche NimbleGen, Inc., MacroGen, Inc., Knome, Inc., Agilent Technologies, BGI (Beijing Genomics Institute), Eurofins Genomics, Inc., Sengenics, GENEWIZ, Inc., Ambry Genetics, Thermo Fisher Scientific, Inc., and others.

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The report offers insightful information about the market dynamics of the Whole Exome Sequencing Market . It offers SWOT analysis, PESTEL analysis, and Porter's Five Forces analysis to present a better understanding of the Whole Exome Sequencing Market , competitive landscape, factors affecting it, and to predict the growth of the industry. It also offers the impact of various market factors along with the effects of the regulatory framework on the growth of the Whole Exome Sequencing Market

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The report is updated with the latest economic scenario and market scope with regard to the ongoing COVID-19 pandemic. The report covers growth prospects as well as current and futuristic revenue estimations in a post COVID scenario. The report also covers changing trends and market dynamics due to the pandemic and provides an accurate impact analysis of the crisis on the overall market.

How will this Report Benefit you?

A 250-page report from Emergen Research includes 194 tables and 189 charts and graphics. Anyone in need of commercial, in-depth assessments for the global lab-on-a-chip market, as well as comprehensive market segment analysis, can benefit from our new study. You can assess the whole regional and global market for Whole Exome Sequencing Market with the aid of our recent study. To increase market share, obtain financial analysis of the whole market and its

various segments. We think there are significant prospects in this industry for rapidly expanding energy storage technology. Look at how you may utilise the current and potential revenue-generating prospects in this sector. The research will also assist you in making better strategic decisions, enabling you to build growth strategies, strengthen competitor analysis, and increase business productivity.

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For the purpose of this report, Emergen Research has segmented the global whole exome sequencing market based on product, end user, application, and region:

Product Outlook (Revenue, USD Million; 2019-2030)

- Systems
- Kits
- Services

End User Outlook (Revenue, USD Million; 2019-2030)

- Nutritional
- Research Center
- Academic and Government Institutions
- Hospitals and Clinics
- Pharmaceutical and Biotechnology Companies
- Others

Application Outlook (Revenue, USD Million; 2019-2030)

- Diagnostics
- Drug Discovery and Development
- Personalized Medicine
- Agriculture and Animal Research
- Others

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Key regions covered in the report:

- North America
- Europe
- Asia Pacific
- Latin America
- Middle East & Africa

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What is the global (North America, Europe, Asia-Pacific, South America, Middle East and Africa) sales value, production value, consumption value, import and export of Whole Exome Sequencing Market ?

Who are the global key manufacturers of the Whole Exome Sequencing Market ? How is their operating situation (capacity, production, sales, price, cost, gross, and revenue)?

What are the Whole Exome Sequencing Market opportunities and threats faced by the vendors in the global Whole Exome Sequencing Market ?

Which application/end-user or product type may seek incremental growth prospects? What is the market share of each type and application?

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Emergen Research is a Market research and consulting company that provides syndicated research reports, customized research reports, and consulting services. Our solutions purely focus on your purpose to locate, target, and analyze consumer behavior shifts across demographics, across industries, and help clients make smarter business decisions. We offer Market intelligence studies ensuring relevant and fact-based research across multiple industries, including Healthcare, Touch Points, Chemicals, Types, and Energy. We consistently update our research offerings to ensure our clients are aware of the latest trends existent in the market. Emergen Research has a strong base of experienced analysts from varied areas of expertise. Our industry experience and ability to develop a concrete solution to any research problems provides our clients with the ability to secure an edge over their respective competitors.

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