

Nanopore Technologies Market to Worth \$6,80,872.4 Thousand by 2030 | By Product, Business & Application

The growth of the nanopore technology market is attributed to technological advancements related to nanopore technologies, increase in outbreak of novel viruses

PORTLAND, OR, UNITED STATES, January 14, 2022 /EINPresswire.com/ --

The global nanopore technologies market was valued at \$1,74,388.2 thousand in 2020, and is projected to reach \$6,80,872.4 thousand by 2030, registering a CAGR of 14.40% from 2021 to 2030. Nanopore sequencing is

a third-generation technology for sequencing biopolymers containing polynucleotides in the form of DNA or RNA as well as other components. This technique involves the sequencing of a single molecule of DNA or RNA without the requirement for PCR amplification or chemical labelling. Furthermore, this sequencing has the potential to offer lower genotyping costs, greater testing mobility, and faster sample processing with the capacity to display findings in real time. It is one of the most recent sequencing methods, and it aids in establishing the nucleotide order in DNA or RNA.

Surge in demand for DNA sequencing and rise in use of epigenetics for the development of newer treatment methods propel the growth of the global nanopore technologies market. Moreover, increase in R&D on nanopore technologies such that they can be used for novel viruses is anticipated to augment the market growth during the forecast period. In addition, the introduction of Internet of Things benefits the nanopore technology, as sequencers can be easily connected to other technical systems, which will help healthcare professionals monitor the DNA sample on shared cloud computing labs. is anticipated to aid the nanopore technologies market grow in the forecast period.



However, difficulty in sustaining the integration and structure of the nucleotide bases hinders the growth of the nanopore technologies market in the coming years. On the contrary, rise in use of nanopore technologies for fourth generation DNA sequencing is projected to act as potential growth opportunity for the market in the coming years.

The outbreak of COVID-19 led to a massive economic de-growth due to its spread to masses. It is a large family of viruses that causes illness ranging from common cold to more severe diseases. The overall impact of COVID-19 is projected to remain negative for nanopore technologies companies. The benefits of nanopore sequencing include the ability to generate data in real time (1 hour of sequencing time is required when using MinION Flow Cells) and to scale sequencing throughput needs from the Flongle to the high-throughput PromethION. Such products that are useful for the detection of coronavirus-disease-2 will help the market gain traction during the pandemic

By product, the nanopore technologies market is categorized into instruments and consumables. The consumables segment dominated the global market in 2020, and is anticipated to continue this trend during the forecast period. In addition, rise in use of consumables in a wide array of procedures such as DNA sequencing and RNA sequencing is a major factor that fuels the growth of this segment.

On the basis of application, the mark nanopore technologies market et is segregated into DNA sequencing and RNA sequencing. Presently, the DNA sequencing segment acquires majority of the market share, owing to rise in prevalence of viral diseases in both developed as well as developing countries, outbreak of novel virus, rise in demand in DNA sequencing by nanopore technology.

Depending on end user, the nanopore technologies market is categorized into hospitals & clinics, research institutes, and others. The research institutes segment dominated the market in 2020, and is anticipated to continue this trend during the forecast period. This is attributed to surge in demand for nanopore technologies in research institutes.

For Purchase Enquiry @ <https://www.alliedmarketresearch.com/purchase-enquiry/12229>

The Major Key Players Are:

Cyclomics, Electronic Biosciences, Inc., Grandomics, INanoBio Inc., Qitan Technology, Quantapore, Inc., Nabsys, Inc., Nonacus, Inc., ONTERA, Inc., and Oxford Nanopore Technologies

Key Findings Of The Study:

- Depending on product, the consumables segment held largest market share in the global nanopore technologies market in 2020.
- On the basis of application, the DNA sequencing segment garnered the highest nanopore

technologies market share in 2020, and is expected to remain dominant throughout the forecast period.

- By end user, the research institutes dominated the nanopore technologies market in 2020, and is anticipated to gain traction in the coming years.
- Region wise, Asia-Pacific is expected register a CAGR of 16.1% during the forecast period

Trending Reports in Healthcare Industry

[Immunodiagnosics Market Analysis, Industry Forecast, 2030](#)

[Ophthalmic Drugs Market Analysis, Industry Forecast, 2030](#)

[Laparoscopy Devices Market Analysis, Industry Forecast, 2030](#)

About Us

Allied Market Research (AMR) is a full-service market research and business-consulting wing of Allied Analytics LLP based in Portland, Oregon. Allied Market Research provides global enterprises as well as medium and small businesses with unmatched quality of "Market Research Reports" and "Business Intelligence Solutions." AMR has a targeted view to provide business insights and consulting to assist its clients to make strategic business decisions and achieve sustainable growth in their respective market domain.

Pawan Kumar, the CEO of Allied Market Research, is leading the organization toward providing high-quality data and insights. We are in professional corporate relations with various companies and this helps us in digging out market data that helps us generate accurate research data tables and confirms utmost accuracy in our market forecasting. Each and every data presented in the reports published by us is extracted through primary interviews with top officials from leading companies of domain concerned. Our secondary data procurement methodology includes deep online and offline research and discussion with knowledgeable professionals and analysts in the industry.

David Correa

Allied Analytics LLP

+1 800-792-5285

[email us here](#)

Visit us on social media:

[Facebook](#)

[Twitter](#)

[LinkedIn](#)

This press release can be viewed online at: <https://www.einpresswire.com/article/560630303>

EIN Presswire's priority is source transparency. We do not allow opaque clients, and our editors

try to be careful about weeding out false and misleading content. As a user, if you see something we have missed, please do bring it to our attention. Your help is welcome. EIN Presswire, Everyone's Internet News Presswire™, tries to define some of the boundaries that are reasonable in today's world. Please see our Editorial Guidelines for more information.

© 1995-2022 IPD Group, Inc. All Right Reserved.