

# Nanopore Technologies Market, Global Outlook and Forecast 2022-2028

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## Abstracts

Nanopore sequencing is used in the sequencing of biopolymers such as polynucleotides in the form of DNA or RNA and other components. In addition, nanopore sequencing is a technology that enables analysis of single molecule DNA or RNA that can be sequenced without the need for polymerase chain reaction amplification or chemical labeling of the sample. This technology uses minute changes in electric current across the nanopore immersed in a conducting fluid with voltage applied when a moving nucleotide (or DNA strand) passes through it. This helps to sequence any DNA/RNA fragment length to characterize more genetic variation. Furthermore, the technology helps in generating content-rich data, including methylation. The data generated is for real time, and helps in giving rapid insights.. It is a scalable technology that ranges from portable devices to ultra-high throughput desktop devices that are aiding in sequence as per requirement.

This report contains market size and forecasts of Nanopore Technologies in Global, including the following market information:

Global Nanopore Technologies Market Revenue, 2017-2022, 2023-2028, (\$ millions)

Global top five companies in 2021 (%)

The global Nanopore Technologies market was valued at million in 2021 and is projected to reach US\$ million by 2028, at a CAGR of % during the forecast period 2022-2028.

The U.S. Market is Estimated at \$ Million in 2021, While China is Forecast to Reach \$ Million by 2028.

DNA Sequencing Technology Segment to Reach \$ Million by 2028, with a % CAGR in next six years.

The global key manufacturers of Nanopore Technologies include Cyclomics, Electronic Biosciences, Grandomics, INanoBio, Qitan Technology, Quantapore, Nabsys, Nonacus and ONTERA and etc. In 2021, the global top five players have a share approximately % in terms of revenue.

MARKET MONITOR GLOBAL, INC (MMG) has surveyed the Nanopore Technologies companies, and industry experts on this industry, involving the revenue, demand, product type, recent developments and plans, industry trends, drivers, challenges, obstacles, and potential risks.

Total Market by Segment:

Global Nanopore Technologies Market, by Type, 2017-2022, 2023-2028 (\$ millions)

Global Nanopore Technologies Market Segment Percentages, by Type, 2021 (%)

DNA Sequencing Technology

RNA Sequencing Technology

Global Nanopore Technologies Market, by Application, 2017-2022, 2023-2028 (\$ millions)

Global Nanopore Technologies Market Segment Percentages, by Application, 2021 (%)

Hospitals & Clinics

Research Institutes

Others

Global Nanopore Technologies Market, By Region and Country, 2017-2022, 2023-2028 (\$ Millions)

## Global Nanopore Technologies Market Segment Percentages, By Region and Country, 2021 (%)

### North America

US

Canada

Mexico

### Europe

Germany

France

U.K.

Italy

Russia

Nordic Countries

Benelux

Rest of Europe

### Asia

China

Japan

South Korea

Southeast Asia

India

Rest of Asia

South America

Brazil

Argentina

Rest of South America

Middle East & Africa

Turkey

Israel

Saudi Arabia

UAE

Rest of Middle East & Africa

## Competitor Analysis

The report also provides analysis of leading market participants including:

Key companies Nanopore Technologies revenues in global market, 2017-2022 (estimated), (\$ millions)

Key companies Nanopore Technologies revenues share in global market, 2021 (%)

Further, the report presents profiles of competitors in the market, key players include:

Cyclomics

Electronic Biosciences

Grandomics

INanoBio

Qitan Technology

Quantapore

Nabsys

Nonacus

ONTERA

Oxford Nanopore Technologies

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