

# PCR Technologies Market Size to Hit USD 28.8 billion by 2030, At a CAGR of 4.1%

PORTLAND, IL, UNITED STATES, March 10, 2025 /EINPresswire.com/ -- The advancement in [PCR technologies](#) has increased the use of PCR in diagnostic centers & hospitals for the diagnosis of various diseases such as cancer and infectious disease boosting the global market growth.

PCR techniques have the most potential features such as absolute detection and quantification of genetic materials such as DNA and RNA that are increasingly being used in life sciences research and molecular diagnostics. The device can be used to quantify and analyze rare alleles and point mutations. Advanced PCR systems are being developed with enhanced capabilities such as broad menu of tests, higher sensitivity, and specificity. Other major advances related with the PCR are shorter PCR cycling time, higher productivity, and automated workflow.

Do Enquiry for Sample Report: <https://www.alliedmarketresearch.com/request-sample/1625>

The advancement in the technology of qPCR and dPCR leading to automation, improved accuracy, and enhanced sensitivity majorly drive the market growth. These products provide high level of efficiency and productivity in research and drug discovery and reduce the time required for the novel drug development. In addition, there is increased demand for polymerase chain reaction technologies owing to increase in number of hospitals and research centers. Furthermore, the increase in number of patients suffering from infectious diseases and rise in funding in gene therapy and human genome projects will also help to fuel the growth of the global polymerase chain reaction technologies market. Moreover, there is growth in demand for polymerase chain reaction technologies in the field of life science, clinical diagnostics, and others, which would further drive the market. However, growth of non-validated home brew test and unstable reimbursement policies are projected to hinder the growth of global polymerase



chain reaction technologies market.

The report segments the market by product, technology, end user, application, and geography. In terms of technology, it is bifurcated into quantitative PCR and digital PCR. By product, it is classified into instruments, reagents, and consumables. Based on application, it is categorized into clinical, research, and forensic applications. On the basis of end user, it is divided into diagnostic centers & hospitals, forensic laboratories, biotech & pharma companies, and academic & research institutions. By region, the market is analyzed across North America, Europe, Asia-Pacific, and LAMEA.

The real-time PCR segment is the major contributor towards the global PCR market in 2023, due to several factors including increase in use of qPCR in research and medical diagnostics, technological advancements, growing use of robotics for lab automation, and expansion of installation base.

Do Enquiry before purchasing Report: <https://www.alliedmarketresearch.com/purchase-enquiry/1625>

Among the end-users, academic & research institutions occupied the major share of PCR instrument market due to increased test volume of infectious diseases and various types of cancers.

In 2016, North America accounted for maximum contribution to the total revenue generated, owing to the rise in prevalence of infectious diseases and cancer in this region and technological advancement in PCR. However, Asia is projected to grow at the highest CAGR during the forecast period. Opportunities in the Asian market have attracted huge investments by major companies in the area of R&D activities.

Key Benefits For Stakeholders:

This report provides a quantitative analysis of the market segments, current trends, estimations, and dynamics of the polymerase chain reaction technologies market opportunity.

The market research is offered along with information related to key drivers, restraints, and opportunities.

Porter's five forces analysis highlights the potency of buyers and suppliers to enable stakeholders make profit-oriented business decisions and strengthen their supplier-buyer network.

In-depth analysis of the polymerase chain reaction technologies market segmentation assists to determine the prevailing market opportunities.

Major countries in each region are mapped according to their revenue contribution to the global market.

Market player positioning facilitates benchmarking and provides a clear understanding of the present position of the market players.

The report includes the analysis of the regional as well as global polymerase chain reaction technologies market trends, key players, market segments, application areas, and market growth strategies.

About Allied Market Research:

Allied Market Research (AMR) is a full-service market research and business-consulting wing of Allied Analytics LLP based in Wilmington, Delaware. 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 domains. AMR offers its services across 11 industry verticals including Life Sciences, Consumer Goods, Materials & Chemicals, Construction & Manufacturing, Food & Beverages, Energy & Power, Semiconductor & Electronics, Automotive & Transportation, ICT & Media, Aerospace & Defense, and BFSI.

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. Allied Market Research CEO Pawan Kumar is instrumental in inspiring and encouraging everyone associated with the company to maintain high quality of data and help clients in every way possible to achieve success. 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 Market Research

+15038946022 ext.

[email us here](#)

Visit us on social media:

[Facebook](#)

[X](#)

[LinkedIn](#)

[YouTube](#)

---

This press release can be viewed online at: <https://www.einpresswire.com/article/792387412>

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.

© 1995-2025 Newsmatics Inc. All Right Reserved.