

Polymerase Chain Reaction (PCR) Technologies Market is Set to Experience Revolutionary Growth by 2030

PORTLAND, OR, UNITED STATES, October 21, 2021 /EINPresswire.com/ -- 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 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.



Polymerase Chain Reaction (PCR) Technologies Market

“

advancement in PCR technology has increased the use of PCR in diagnostic centers & hospitals for the diagnosis of various diseases such as cancer and infectious disease boosting the market growth.”

Allied Market Research

"Polymerase Chain Reaction Technologies Market by Technology, Products, Application, and End User: Global Opportunity Analysis and Industry Forecast, 2017-2023," the polymerase chain reaction technologies market accounted for \$7,027 million in 2016, and is estimated to reach \$10,776 million by 2023, registering a CAGR of 6.2% from 2017 to 2023. North America is the highest contributor in the polymerase chain reaction technologies market; however, Asia-Pacific is expected to witness the highest growth rate.

Explore Report Description@

<https://www.alliedmarketresearch.com/polymerase-chain-reaction-technologies-market>

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 2016, 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.

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 FINDINGS OF THE STUDY

- Digital PCR segment is projected to grow at the highest rate during the analysis period.
- Reagents and consumables segment was the highest revenue-generating segment, and is expected to continue its dominance in future.
- North America dominated global polymerase chain reaction technologies market, and is projected to continue its dominance in future.

- China is expected to grow highest in the Asia-Pacific region during the forecast period.
- Services segment was the largest contributor among the products and services segments.

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

Key players operating in the market are Thermo Fisher Scientific Inc., Sygnis AG, LGC Ltd, Bio-Rad Laboratories Inc., Agilent Technologies, Inc., BioMerieux S.A., RainDance Technologies, Inc., Affymetrix Inc., Fluidigm Corporation, and Takara Bio Inc.

Avenue Basic Plan | Library Access | 1 Year Subscription |

Sign up for Avenue subscription to access more than 12,000+ company profiles and 2,000+ niche industry market research reports at \$699 per month, per seat. For a year, the client needs to purchase minimum 2 seat plan.

Request for 14 days free trial: <https://www.alliedmarketresearch.com/avenue/trial/starter>

"We have also published few syndicated market studies in the similar area that might be of your interest. Below are the report title for your reference, considering Impact of Covid-19 Over This Market which will help you to assess aftereffects of pandemic on short-term and long-term growth trends of this market."

Trending Reports in Healthcare Industry:

[Cell Counting Market Global Research By 2030](#)

[Allergy Diagnostic Market Global Research By 2030](#)

[Bioburden Testing Market Global Research By 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

David Correa

Allied Analytics LLP

+18007925285 ext.

[email us here](#)

Visit us on social media:

[Facebook](#)

[Twitter](#)

[LinkedIn](#)

This press release can be viewed online at: <https://www.einpresswire.com/article/554438159>

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.

© 1995-2021 IPD Group, Inc. All Right Reserved.