

# PCR Technology Market: Trends, Opportunities and Competitive Analysis [2023-2028]

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## Abstracts

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### PCR Technology Market Trends and Forecast

The future of the global PCR technology market looks promising with opportunities in the hospital and diagnostic center, healthcare industry, academia and government organization, pharma-biotech company, and applied industries. The global PCR technology market is expected to reach an estimated \$13.9 billion by 2028 with a CAGR of 5.3% from 2023 to 2028. The major drivers for this market are rising occurrences of infectious diseases and genetic disorders in infants, growing need for sophisticated diagnostic methods, and increasing requirement for personalized and precise medical approaches.

A more than 150-page report is developed to help in your business decisions. Sample figures with some insights are shown here.

### PCR Technology Market by Segment

The study includes trends and forecast for the global PCR technology market by product, technology, and end use industry, and region as follows:

#### PCR Technology Market by Product [Shipment Analysis by Value from 2017 to 2028]:

Software and Services

Instruments

## Reagents & Consumables

PCR Technology Market by Technology [Shipment Analysis by Value from 2017 to 2028]:

Conventional PCR

Real-time PCR

Digital PCR

Reverse Transcription PCR

Hot-Start PCR

Multiplex PCR

Others

PCR Technology Market by End Use Industry [Shipment Analysis by Value from 2017 to 2028]:

Hospitals and Diagnostic Centers

Healthcare Industry

Academic and Government Organizations

Pharma-Biotech Companies

Applied Industries

Others

PCR Technology Market by Region [Shipment Analysis by Value from 2017 to 2028]:

North America

Europe

Asia Pacific

The Rest of the World

## List of PCR Technology Companies

Companies in the market compete on the basis of product quality offered. Major players in this market focus on expanding their manufacturing facilities, R&D investments, infrastructural development, and leverage integration opportunities across the value chain. With these strategies, PCR technology companies cater to increasing demand, ensure competitive effectiveness, develop innovative products & technologies, reduce production costs, and expand their customer base. Some of the PCR technology companies profiled in this report includes-

Thermo Fisher Scientific

Promega Corporation

Becton Dickinson and Company

Agilent Technologies

F. Hoffman-La Roche

Bio-Rad Laboratories

Abbott Laboratorie

Fluidigm Corporation

Danaher Corporation

Takara Bio

## PCR Technology Market Insights

Lucintel forecasts that reagents and consumables will remain the largest segment over the forecast period due to the consistent demand for these supplies in laboratories and research institutes, as well as increasing advancements in reagent compositions, and the introduction of novel and improved PCR enzymes.

Within this market, hospitals and diagnostic centers will remain the largest segment due to increasing incidence of infectious diseases, rising screening for cancer and monitoring treatment responses, and growing adoption of PCR in medical settings for rapid and accurate diagnostic examinations, especially highlighted during the COVID-19 pandemic.

North America will remain the largest region over the forecast period due to increasing positive government initiatives, existence of robust healthcare infrastructure, and adaptable regulatory frameworks within the region.

## Features of the Global PCR technology Market

**Market Size Estimates:** PCR technology market size estimation in terms of value (\$B).

**Trend and Forecast Analysis:** Market trends (2017 to 2022) and forecast (2023 to 2028) by various segments and regions.

**Segmentation Analysis:** PCR technology market size by various segments, such as by product, technology, end use industry, and region in terms of value (\$B).

**Regional Analysis:** PCR technology market breakdown by North America, Europe, Asia Pacific, and Rest of the World.

**Growth Opportunities:** Analysis of growth opportunities in different products, technologies, end use industries, and regions for the PCR technology market.

**Strategic Analysis:** This includes M&A, new product development, and competitive landscape of the PCR technology market.

Analysis of competitive intensity of the industry based on Porter's Five Forces model.

## FAQ

Q.1 What is the PCR technology market size?

Answer: The global PCR technology market is expected to reach an estimated \$13.9 billion by 2028.

Q.2 What is the growth forecast for PCR technology market?

Answer: The global PCR technology market is expected to grow with a CAGR of 5.3% from 2023 to 2028.

Q.3 What are the major drivers influencing the growth of the PCR technology market?

Answer: The major drivers for this market are rising occurrences of infectious diseases and genetic disorders in infants, growing need for sophisticated diagnostic methods, and increasing requirement for personalized and precise medical approaches.

Q4. What are the major segments for PCR technology market?

Answer: The future of the global PCR technology market looks promising with opportunities in the hospital and diagnostic center, healthcare industry, academia and government organization, pharma-biotech company, and applied industries.

Q5. Who are the key PCR technology companies?

Answer: Some of the key PCR technology companies are as follows:

Thermo Fisher Scientific

Promega Corporation

Becton Dickinson and Company

Agilent Technologies

F. Hoffman-La Roche

Bio-Rad Laboratories

Abbott Laboratorie

Fluidigm Corporation

Danaher Corporation

Takara Bio

Q6. Which PCR technology market segment will be the largest in future?

Answer: Lucintel forecasts that reagents and consumables will remain the largest segment over the forecast period due to the consistent demand for these supplies in laboratories and research institutes as well as increasing advancements in reagent compositions, and the introduction of novel and improved PCR enzymes.

Q7. In PCR technology market, which region is expected to be the largest in next 5 years?

Answer: North America will remain the largest region over the forecast period due to increasing positive government initiatives, existence of robust healthcare infrastructure, and adaptable regulatory frameworks within the region.

Q.8 Do we receive customization in this report?

Answer: Yes, Lucintel provides 10% Customization Without any Additional Cost.

This report answers following 11 key questions:

Q.1. What are some of the most promising, high-growth opportunities for the global PCR technology market by product (software and services, instruments, and reagents & consumables), technology (conventional PCR, real-time PCR, digital PCR, reverse transcription PCR, hot-start PCR, multiplex PCR, and others), end use industry (hospitals and diagnostic centers, healthcare industry, academia and government

organizations, pharma-biotech companies, applied industries, and others), and region (North America, Europe, Asia Pacific, and the Rest of the World)?

Q.2. Which segments will grow at a faster pace and why?

Q.3. Which region will grow at a faster pace and why?

Q.4. What are the key factors affecting market dynamics? What are the key challenges and business risks in this market?

Q.5. What are the business risks and competitive threats in this market?

Q.6. What are the emerging trends in this market and the reasons behind them?

Q.7. What are some of the changing demands of customers in the market?

Q.8. What are the new developments in the market? Which companies are leading these developments?

Q.9. Who are the major players in this market? What strategic initiatives are key players pursuing for business growth?

Q.10. What are some of the competing products in this market and how big of a threat do they pose for loss of market share by material or product substitution?

Q.11. What M&A activity has occurred in the last five years and what has its impact been on the industry?

For any questions related to PCR technology market or related to PCR technology companies, PCR technology market size, PCR technology market share, PCR technology market growth, PCR technology market research, write Lucintel analyst at email: [helpdesk@lucintel.com](mailto:helpdesk@lucintel.com) we will be glad to get back to you soon.

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7.6: Bio-Rad Laboratories

7.7: Abbott Laboratorie

7.8: Fluidigm Corporation

7.9: Danaher Corporation

7.10: Takara Bio

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