

# Global Polymerase Chain Reaction Market 2021

<https://marketpublishers.com/r/GA7AAC819CBFEN.html>

Date: January 2022

Pages: 15

Price: US\$ 950.00 (Single User License)

ID: GA7AAC819CBFEN

## Abstracts

Polymerase chain reaction (PCR) is a laboratory technique used to amplify DNA sequences. The technique can produce a billion copies of the target sequence in just a few hours. Once amplified, the DNA produced by PCR can be used in many different laboratory procedures. PCR is also valuable in a number of laboratory and clinical techniques, including DNA fingerprinting, detection of bacteria or viruses (particularly AIDS), and diagnosis of genetic disorders. The global polymerase chain reaction market is poised to grow by US\$ 3,858 million during 2021-2027, progressing at a CAGR of 6.1% during the forecast period, according to data and analytics company StrategyHelix. Rise in prevalence of infectious diseases and cancer, increase in awareness and acceptance of personalized medicines, rapid increase in geriatric population, rise in disposable income in developing economies are expected to boost the market growth in the coming years.

The report provides up-to-date market size data for period 2017-2020 and forecast to 2027 covering key market aspects like sales value for polymerase chain reaction. The global polymerase chain reaction market is segmented on the basis of product, technology, application, and region. By product, the global polymerase chain reaction market has been segmented into reagents & consumables, instruments, software, services. According to the research, the reagents & consumables segment had the largest share in the global polymerase chain reaction market. Based upon technology, the global polymerase chain reaction market is categorized into real-time PCR, inverse PCR, assembly & nested PCR, multiplex PCR, reverse transcriptase PCR, others. On the basis of application, the global polymerase chain reaction market has been segmented into research, clinical, others. Geographically, the global polymerase chain reaction market is segmented into North America, Asia Pacific, Europe, Rest of the World (ROW).

The global polymerase chain reaction market is highly competitive. The prominent

players operating in the global polymerase chain reaction market include Abbott Laboratories, Becton Dickinson and Company, BioFire Diagnostics LLC, Bio-Rad Laboratories Inc., Eppendorf AG, F. Hoffmann-LaRoche Ltd., GE Healthcare, Hologic Inc., Merck KGaA (Sigma-Aldrich), QIAGEN N.V., Thermo Fisher Scientific Inc.

#### Report Scope

Product: reagents & consumables, instruments, software, services

Technology: real-time PCR, inverse PCR, assembly & nested PCR, multiplex PCR, reverse transcriptase PCR, others

Application: research, clinical, others

Region: North America, Asia Pacific, Europe, Rest of the World (ROW)

Years considered: this report covers the period 2017 to 2027

#### Key Benefits for Stakeholders

Get a comprehensive picture of the global polymerase chain reaction market

Pinpoint growth sectors and trends for investment

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Instruments  
Software  
Services

### **PART 4. MARKET BREAKDOWN BY TECHNOLOGY**

Real-time PCR  
Inverse PCR  
Assembly & nested PCR  
Multiplex PCR  
Reverse transcriptase PCR  
Others

### **PART 5. MARKET BREAKDOWN BY APPLICATION**

Research  
Clinical  
Others

### **PART 6. MARKET BREAKDOWN BY REGION**

North America  
Asia Pacific  
Europe  
Rest of the World (ROW)

## **PART 7. KEY COMPANIES**

Abbott Laboratories  
Becton, Dickinson and Company  
BioFire Diagnostics LLC  
Bio-Rad Laboratories Inc.  
Eppendorf AG  
F. Hoffmann-LaRoche Ltd.  
GE Healthcare  
Hologic Inc.  
Merck KGaA (Sigma-Aldrich)  
QIAGEN N.V.  
Thermo Fisher Scientific Inc.  
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