

# Global Real-Time PCR Detection Systems Market Size study, by Type (Instrument, Reagent) by Application (Clinical Nucleic Acid Detection, Molecular diagnosis, Life Science Research) and Regional Forecasts 2020-2027

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## Abstracts

Global Real-Time PCR Detection Systems Market is valued approximately USD 19.20 billion in 2019 and is anticipated to grow with a healthy growth rate of more than 5.30 % over the forecast period 2020-2027. Real-Time PCR Detection Systems are equipments , containing 2–5 color multiplexing, advanced optical technology, and precise temperature control with thermal gradients which make them powerful and flexible. These systems carry sensitive, reliable detection of both singleplex and multiplex real-time PCR reactions. The rising incidences of target infectious diseases and genetic disorders across the globe drive the market towards growth. As stated by the World Health Organization in 2018 cancer was the leading cause of death accountable for 9.6 million death worldwide. Also, other such diseases include HIV which accounted to 36.9 million cases in 2017. The high prevalence of these infectious diseases anticipates a growing Real Time PCR detection system market. Moreover, Continuous technological advancements in PCR technologies coupled with increasing investments, funds and grants fuel the market growth. For Instance: Qiagen NV in January 2019 released its plan for the development of next generation of dPCR systems which are expected to be launched in 2020. The new systems are expected to offer highly automated workflows and quicker turnaround time as compared to current digital PCR platforms. However, high instrument cost and technical limitations of PCR impedes the growth of the market over the forecast period of 2020-2027. Although, expanding application in food microbiology and veterinary medicine among other industries will provide an opportunity for market growth during the forecast period.

The regional analysis of global Real-Time PCR Detection Systems market is considered for the key regions such as Asia Pacific, North America, Europe, Latin America and Rest of the World. North America is the leading/significant region across the world in terms of market share owing to the escalating number of infectious disease cases along with the presence of major market players in the region. Whereas, Asia-Pacific is also anticipated to exhibit highest growth rate / CAGR over the forecast period 2020-2027. Factors such as rising population, high prevalence of chronic diseases coupled with rising awareness would create lucrative growth prospects for the Real-Time PCR Detection Systems market across Asia-Pacific region.

Major market player included in this report are:

Thermo Fisher Scientific

F. Hoffmann-La Roche AG

QIAGEN

Bio-rad Laboratories Inc

Agilent Technologies Inc.

Hangzhou Bioer Technology Co. Ltd

Biosynex

Esco

Analytik Jena AG

Techne

The objective of the study is to define market sizes of different segments & countries in recent years and to forecast the values to the coming eight years. The report is designed to incorporate both qualitative and quantitative aspects of the industry within each of the regions and countries involved in the study. Furthermore, the report also caters the detailed information about the crucial aspects such as driving factors & challenges which will define the future growth of the market. Additionally, the report shall also incorporate available opportunities in micro markets for stakeholders to invest along with the detailed analysis of competitive landscape and product offerings of key players. The detailed segments and sub-segment of the market are explained below:

By Type:

Instrument

Reagent

By Application:

Clinical Nucleic Acid Detection

Molecular diagnosis

Life Science Research

By Region:

North America

U.S.  
Canada  
Europe  
UK  
Germany  
France  
Spain  
Italy  
ROE

Asia Pacific  
China  
India  
Japan  
Australia  
South Korea  
RoAPAC  
Latin America  
Brazil  
Mexico  
Rest of the World

Furthermore, years considered for the study are as follows:

Historical year – 2017, 2018

Base year – 2019

Forecast period – 2020 to 2027

Target Audience of the Global Real-Time PCR Detection Systems Market in Market Study:

Key Consulting Companies & Advisors  
Large, medium-sized, and small enterprises  
Venture capitalists  
Value-Added Resellers (VARs)  
Third-party knowledge providers  
Investment bankers  
Investors

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