

North America Polymerase Chain Reaction (PCR) Market (2018 - 2024)

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Abstracts

The North America Polymerase Chain Reaction Technologies Market would witness market growth of 5.5% CAGR during the forecast period (2018 – 2024). Polymerase chain reaction technology devices are medical devices that are primarily used to generate thousands to millions of copies of a piece of deoxyribonucleic acid (DNA). These devices are majorly used in different life science fields such as genetics, molecular biology research, biotechnology, drug discovery, and clinical diagnostics. Additionally, the technology is also used in identifying criminals and child identity in various forensics departments. Further, the device is also being used in diagnosing disease such as middle ear infections, tuberculosis, AIDS, and Lyme diseases. Growing geriatric population, growing prevalence of infectious diseases, rapidly growing diagnostic centers and hospitals, technological advancements, and growing awareness and acceptance of personalized medicine are the factors that drive the polymerase chain reaction technologies market. Nevertheless, growing non-validated home-brew tests and reimbursement issues are the factors that limit the growth of the market. Also, accuracy and timely results for RT-PCR would further add to the challenges to the polymerase chain reaction technologies growth. Less tedious processes open avenues for the PCR market. Additionally, increasing funding towards research and development activities and large untapped markets in developing regions would further add to the market opportunities during the forecast period.

Based on Technology, the market is segmented into Real Time PCR, Digital PCR and Traditional PCR. Based on Application, the market is segmented into Forensics, Research and Clinical. Based on Product, the market is segmented into Instruments, Reagents & consumables, Software and Services. Based on End user, the market is segmented into Biotech & Pharma Company, Diagnostics Centers & Hospitals and Academic & Research Institutions. Based on countries, the market is segmented into

U.S., Mexico, Canada, and Rest of North America.

The market research report covers the analysis of key stake holders of the market. Key companies profiled in the report include Agilent Technologies, BioMérieux, Bio-Rad Laboratories, Inc., Hoffmann-La Roche Ltd., Fluidigm Corporation, LGC Limited, Qiagen NV, SYGNIS Pharma AG, Takara Bio, Inc., and Thermo Fisher Scientific.

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