

Digital PCR (dPCR) and Real-time PCR (qPCR) Market Size, Share & Trends Analysis By Product & service, By Application, By End-User, Regional Outlook, Competitive Strategies and Segment Forecasts to 2030

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Abstracts

Global Digital PCR (dPCR) and Real-time PCR (qPCR) Market projected to be worth USD 11.39 billion by 2030.

According to SPER Market Research, the Digital PCR (dPCR) and Real-time PCR (qPCR) Market estimated to reach USD 11.39 billion by 2030 with a CAGR of 8.8%. The key fuels for the market escalation are; advanced PCR technologies, growing investments, increasing genetic as well as targeted infectious disease, raising the exploit of biomarkers profiling in the disease diagnosis, and the booming Human Genome project.

Impact of COVID-19 on the Digital PCR (dPCR) and Real-time PCR (qPCR) Market
The COVID-19 outbreak has mainly impacted to the healthcare industry; diagnostic industry is one of them. There is a positive impact in the PCR industries. Digital PCR (dPCR) and Real-time PCR (qPCR) has the importance in the diagnostic and drug discovery. The focus of the companies is to produce digital PCR kits for the diagnosis of the infection.

Scope of the report:

Market size available for years 2019-2030

Base year considered 2021

Forecast period 2022-2030

Segments covered By Product & Service, By Application, By End-User, By Region

Geographies covered North America, Europe, Asia Pacific, Latin America, Middle East, Africa

Companies Covered Abbott Laboratories, Agilent Technologies, Analytik Jena AG, Becton, Dickinson and Company, bioMérieux SA, Bioneer, Bio-Rad Laboratories Inc., Danaher Corporation, ELITech Group, Enzo Life Sciences, Inc., Eppendorf, F. Hoffmann-L Roche, Ltd., Fluidigm Corporation, Merck KGaA, Meridian Bioscience, Promega Corporation, QIAGEN N.V., Quidel Corporation, Thermo Fisher Scientific, Takara Bio

Driver: growing occurrence of target infectious diseases and genetic disorders
Rising incidence of target infectious diseases and genetic disorders, technological advancements in PCR technologies, increasing investments, funds, and grants, increasing use of biomarker profiling for disease diagnostics, successful completion of the Human Genome Project; are the key drivers of the escalation of the market.

Restraint: High device costs coupled with dPCR

Technical limitations of qPCR and dPCR techniques, costly device coupled with dPCR; can resist the escalation of the market.

Opportunity: rising market penetration in emerging countries

Growing market penetration in emerging countries, shift from plant-derived to genome-based drug discovery; offers enormous opportunities to the players in the market.

Challenges:

Adoption and implementation of MIQE guidelines, is the challenge to the market expansion.

Global Digital PCR (dPCR) and Real-time PCR (qPCR) Market, By Product & Service:
Based on the Product and Service, Global Digital PCR (dPCR) and Real-time PCR (qPCR) Market is segmented as; qPCR Products & Services (qPCR Reagents and Consumables, qPCR Instruments, qPCR Software and Services), dPCR Products & Services (dPCR Instruments, dPCR Reagents and Consumables, dPCR Software and Services).

Global Digital PCR (dPCR) and Real-time PCR (qPCR) Market, By Application:
Based on the Application, Global Digital PCR (dPCR) and Real-time PCR (qPCR) Market is segmented as; qPCR Applications (Clinical Applications, Forensic Applications, Research Applications), dPCR Applications (Clinical Applications, Research Applications, Forensic Applications).

Global Digital PCR (dPCR) and Real-time PCR (qPCR) Market, By End-User:
Based on the End-User, Global Digital PCR (dPCR) and Real-time PCR (qPCR) Market is segmented as; qPCR End User (Clinical Research Organizations, Forensic Laboratories, Hospitals and Diagnostic Centers, Pharmaceutical and Biotechnology Companies, Research Laboratories and Academic Institutes), qPCR End User (Clinical Research Organizations, Forensic Laboratories, Hospitals and Diagnostic Centers, Pharmaceutical and Biotechnology Companies, Research Laboratories and Academic Institutes).

Global Digital PCR (dPCR) and Real-time PCR (qPCR) Market, By Region:
North America, dominates the principal share of this market; and this is because of accessibility to research & development funding, growing acceptance of innovative and novel genomic analysis, escalating use of PCR techniques in the clinical diagnostics, forensics, and commercialization of qPCR/dPCR products.

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