

Digital PCR Market Insights, Opportunity Analysis, Market Shares and Forecast 2016 – 2022

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Abstracts

PCR enables quantification and detection of target DNA. PCR is a valuable tool in diagnosis, clinical trials and drug discovery. PCR application in critical research areas such as gene expression analysis, genotyping, viral quantification, HIV DNA detection and quantification etc. have provided valuable data to the field of medical science. Quantitative real-time PCR (qPCR) is being used largely by bio-pharma and academic labs. However, digital PCR (dPCR) are gaining focus currently. FDA approvals for clinical diagnosis and drugs depend on the clarity and consistency of results. For example qPCR based tests may have issues with respect to amplification efficiency that could vary with PCR primers and type of patient. Therefore, in such cases dPCR produces results that are more consistent. dPCR provide higher level of precision and greater sensitivity. This can directly affect the time span of FDA approvals.

1. Roche
2. Bio-Rad Labs
3. Life Technologies (Applied Biosystems and Invitrogen)
4. Qiagen
5. Promega
6. Agilent Technologies
7. Thermo Fisher Scientific
8. Sigma-Aldrich
9. Biorigami
10. Raindance technology
11. MDX health
12. GE
13. BIOKE
14. Integrated DNA technologies

15. Sony DADC
16. Ambry genetics
17. Pacific bio sciences
18. Bioline

This Occams Research Report covers

1. Historical data
2. Revenue forecasts, growth rates and CAGR upto 2022
3. Industry Analysis
4. Competitive Analysis
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COMPANIES MENTIONED

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3. Life Technologies (Applied Biosystems and Invitrogen)
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5. Promega
6. Agilent Technologies
7. Thermo Fisher Scientific
8. Sigma-Aldrich
9. Biorigami
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