

| Product Information | |
|--------------------------------------|-------------------------------|
| sparQ HiFi PCR Master Mix 50R | |
| Part Number | 95192-050 |
| Number of Reactions | 50 Reactions |
| Reaction Size | 50 µL |
| Storage Temperature | -25°C to -15°C |
| Lot Number | 66153837 |
| Reference Number | 010220, 275754821, 9556003 |
| Expiration Date | 01/31/2022 |

Product Description:

A high efficiency, high-fidelity, and low bias 2X PCR master mix for NGS library amplification.

Component Part Numbers:

84523 HiFi PCR Master Mix (2X), 1.25mL
 84526 Primer Mix, 0.15mL
 84527 HiFi Enhancer, 0.150

| Product Specifications | |
|------------------------|--------------------------------------|
| 95192 | |
| Assay | HiFi PCR Master Mix Functional Assay |
| Specification | Functional |

Quality Control Analysis and Specifications:

HiFi PCR Master Mix Functional Assay: Quality of the 2X HiFi PCR Master Mix is tested functionally by amplification of a DNA library prepared from mixed bacterial genomic DNA with GC-content of 10-80%. The differences in library yield and profile among different lots must not exceed 15%. Sequencing of the amplified library must yield mapped reads >90% and normalized coverage between 0.7 and 1.3 across the full GC spectrum.

Limitations of Use

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