

Product Information	
<b>sparQ HiFi PCR Master Mix 50R</b>	
Part Number	95192-050
Number of Reactions	50 Reactions
Reaction Size	50 µL
Storage Temperature	-25°C to -15°C
Lot Number	023570
Reference Number	092117, 162221513, 640700
Expiration Date	09/30/2019

**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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This product was developed, manufactured, and sold for *in vitro* use only. The product is not suitable for administration to humans or animals. SDS sheets relevant to this product are available upon request.

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