Product Specifications

Product Information

<table>
<thead>
<tr>
<th>sparQ HiFi PCR Master Mix 50R</th>
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<tbody>
<tr>
<td>Part Number</td>
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<tr>
<td>Number of Reactions</td>
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<tr>
<td>Reaction Size</td>
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<td>Storage Temperature</td>
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<td>Lot Number</td>
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<td>Reference Number</td>
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<td>Expiration Date</td>
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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

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<tr>
<th>95192</th>
<th>Assay</th>
<th>HiFi PCR Master Mix Functional Assay</th>
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<tbody>
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<td></td>
<td>Specification</td>
<td>Functional</td>
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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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