Product Specifications 95192-050 Rev 01

**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 Information**

<table>
<thead>
<tr>
<th>sparQ HiFi PCR Master Mix 50R</th>
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<tbody>
<tr>
<td><strong>Part Number</strong></td>
<td>95192-050</td>
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<tr>
<td><strong>Number of Reactions</strong></td>
<td>50 Reactions</td>
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<tr>
<td><strong>Reaction Size</strong></td>
<td>50 µL</td>
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<tr>
<td><strong>Storage Temperature</strong></td>
<td>-25°C to -15°C</td>
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<td><strong>Lot Number</strong></td>
<td>66141492</td>
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<tr>
<td><strong>Reference Number</strong></td>
<td>112618, 186466099, 8504053</td>
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<tr>
<td><strong>Expiration Date</strong></td>
<td>11/30/2020</td>
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**Product Specifications**

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<th>95192</th>
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<tr>
<td>Assay</td>
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<td>Specification</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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