## Product Specifications

### sparQ Universal Library Quant Kit

<table>
<thead>
<tr>
<th>Part Number</th>
<th>95210-500</th>
</tr>
</thead>
<tbody>
<tr>
<td>Number of Reactions</td>
<td>500 Reactions</td>
</tr>
<tr>
<td>Reaction Size</td>
<td>20 µL</td>
</tr>
<tr>
<td>Storage Temperature</td>
<td>-25°C to -15°C</td>
</tr>
<tr>
<td>Lot Number</td>
<td>66240968</td>
</tr>
<tr>
<td>Reference Number</td>
<td>092823, 061223, 22032901, 22033102, 22033103, 22033104, 22033105, 22033106, 082119</td>
</tr>
<tr>
<td>Expiration Date</td>
<td>08/31/2024</td>
</tr>
</tbody>
</table>

84632 sparQ DNA Standard 1 (20 pM), 0.25mL  
84633 sparQ DNA Standard 2 (2 pM), 0.25mL  
84634 sparQ DNA Standard 3 (0.2 pM), 0.25mL  
84635 sparQ DNA Standard 4 (0.02 pM), 0.25mL  
84636 sparQ DNA Standard 5 (0.002 pM), 0.25mL  
84637 sparQ DNA Standard 6 (0.0002 pM), 0.25mL  
84646 Passive ROX Reference Dye (50x), 0.025mL

### Component Part Numbers:
- 84630 Library Dilution Buffer (10X), 1.50mL
- 84645 sparQ Universal Fast Mastermix (1.25X), 8.0mL

### Quality Control Analysis and Specifications:
qPCR of the DNA Standards are assayed in triplicate reactions with sparQ Fast Mastermix according to the manufacturer’s recommended cycling conditions and must generate a standard curve with $R^2 \geq 0.995$ and a PCR efficiency $\geq 90\%$. Dissociation curve analysis must present as a single melt peak with the expected Tm.

### Limitations of Use
Quantabio, UltraPlex, qScript, GelTrack, ToughMix, PerfeCta, and FastMix are registered trademarks of Quantabio, LLC. Applied Biosystems, StepOne, StepOnePlus and ROX are trademarks of Thermo Fisher Scientific and or its subsidiaries. Please contact Quantabio for more information.

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.

100 Cummings Center, Suite 407J, Beverly, MA 01915 • Phone +1 888-959-5165 • [www.quantabio.com](http://www.quantabio.com)  
FMWI-016.2 Rev.03