Product Specifications: 95073-250 Rev 01

Component Part Numbers:
84071 PerfeCta SYBR Green FastMix, ROX 1.25mL

Product Specifications

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<th>qPCR B-actin Plasmid DNA Functional Assay SYBR Green Fast Mix</th>
<th>DNase</th>
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<tr>
<td>Result</td>
<td>Pass</td>
<td>Pass</td>
<td>Pass</td>
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Quality Control Analysis and Specifications:

Nuclease Assay:

DNase: DNase activity must be below the detectable limits of 100 pg DNase I equivalent as assayed using a fluorogenic substrate following a 1 hour incubation at 37°C with each kit component at 1X concentration.

RNase: RNase activity must be below the detectable limits of 1 pg RNase A equivalent as assayed using a fluorogenic substrate following a 1 hour incubation at 37°C with each kit component at 1X concentration.

qPCR B-actin Plasmid DNA Functional Assay SYBR Green Fast Mix: Detection of B-actin from 10 copies to 1 x 10^7 copies. The Cq standard curve analysis must have a coefficient of determination (r^2) ≥ 0.990 with a slope between -3.20 to -3.70

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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