

Product Information	
<b>Excella SYBR® MasterMix iQ</b>	
Part Number	61071103
Reaction Size	20 µL
Storage Temperature	-25°C to -15°C
Lot Number	66177100
Reference Number	112119
Expiration Date	11/30/2022

**Product Description:**

A 2X concentrated, ready-to-use reaction cocktail that contains all components, except primers and DNA template.

Product Specifications			
61071103			
Assay	qPCR B-actin Plasmid DNA Functional Assay SYBR Green Fast Mix	DNase	RNase
Result	Pass	Pass	Pass

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Director of Quality Control

**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 β-actin from 10 copies to 1 x 10<sup>7</sup> copies. The Cq standard curve analysis must have a coefficient of determination (R<sup>2</sup>) ≥ 0.990 with a slope between -3.20 to -3.70

**Limitations of Use**

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