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Product Specification

Product Name:
KiCqStart™ SYBR® Green qPCR ReadyMix™ – Low ROX™

Product Number: KCQS01

Storage Temperature: -20 °C

TEST	Specification
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Functional Assay (qPCR)	Pass
Kinetic analysis must demonstrate linear resolution over six orders of dynamic range of a control DNA ($r^2 > 0.995$) and a PCR efficiency > 90%	
DNase, Exonuclease Detection	Pass
No detectable DNase as assayed using a fluorogenic substrate. Normalized fluorescent signal following a 1 hour incubation with 1X ReadyMix at 37°C must be less than 3 times that of negative control levels.	
RNAse Detection	Pass
No detectable RNAse as assayed using a fluorogenic substrate. Normalized fluorescent signal following a 1 hour incubation with 1X ReadyMix at 37°C must be less than 3 times that of negative control levels.	

Specification: PRD.0.ZQ5.10000021877

Sigma-Aldrich warrants, that at the time of the quality release or subsequent retest date this product conformed to the information contained in this publication. The current Specification sheet may be available at Sigma-Aldrich.com. For further inquiries, please contact Technical Service. Purchaser must determine the suitability of the product for its particular use. See reverse side of invoice or packing slip for additional terms and conditions of sale.