

qPCR Exogenous Control

For Research Use Only

Catalog No:	BIO-11025
Lot No:	CT846_B076660
Storage Conditions:	+4°C
Component Lot No:	DXT-919111A
Expiry date:	December 2021

Quality Control Parameters

Analysis	Specification	Result
Functional	DNA Exogenous Control target sequence amplified in qPCR	Passed
Quantitative	DNA Exogenous Control concentration determined by absolute quantification of data from qPCR by reference to a standard curve of known quantity. The acceptable concentration range must be between 12 and 18 fg /µL	Passed
DNA contamination	Quantitative PCR analysis with no template. Presence of <i>E. coli</i> and mouse genomic DNA checked. Test sample must amplify in concordance with control sample.	Passed
DNase contamination	Incubation of a 1Kb double stranded DNA fragment. Incubation for 4 hours at 37°C with dilution series of DNase I. Analysed by agarose gel electrophoresis. Test sample must exhibit less degradation than the limit of detection 2.5×10^{-3} U DNase.	Passed

Authorised by Christopher Weatherall



Detection Mix, 50X

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Catalog No:	BIO-11025
Lot No:	CT846_B076660
Shipping / Storage Conditions:	-20°C
Component Lot No:	CM5-919211A
Expiry date:	December 2021

Quality Control Parameters

Analysis	Specification	Result
Functional	Δ Ct of reaction mix should exhibit values within tolerance range 0.4 to 1.2 Ct.	Passed
Quantitative	Fluorescence measured before and after amplification should be within the range of 20 % (relative)	Passed
DNA contamination	Quantitative PCR analysis with no template. Presence of <i>E. coli</i> and mouse genomic DNA checked. Test sample must amplify in concordance with control sample.	Passed
DNase contamination	Incubation of a 1Kb double stranded DNA fragment. Incubation for 4 hours at 37 °C with dilution series of DNase I. Analysed by agarose gel electrophoresis. Test sample must exhibit less degradation than the limit of detection 2.5×10^{-3} U DNase.	Passed

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