

Lyo-Ready™ dUTP 1-Step RT-qPCR Mix, 2x

For research or further manufacturing use only

Catalog No:	MDX113
Lot No:	B123400
Storage Conditions:	-20°C
Component Lot No:	223312A
Expiry date:	January 2026

Quality Control Parameters

Analysis	Specification	Result
Functional	Quantitative RT-PCR analysis amplifying a multiplex of 3 genes from a dilution series of mouse RNA under standard conditions. Ct profiles must be consistent for test and reference samples with a ± 0.5 Ct variance.	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 1 Kb 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
RNase contamination	Quantitative PCR analysis with high and low RNase standards. Test sample must show less RNase activity than the limit of detection 9.7×10^{-3} ng/ μ L RNase.	Passed

QA / QC Representative:



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Date: 15th December 2023

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