

	Certificate of Analysis	COA No: CA_BSM-0095-2
		Version: 02

Lyo-Ready qPCR Mix, 2.6x For research or further manufacturing use only	Catalog No:	MDX023
	Lot No:	EM030-B128650
	Storage Conditions:	-20°C
	Component Lot No:	LYN2-424107A
	Expiry date:	August 2026

Quality Control Parameters

Glycerol-free formulation optimized for lyophilization and ambient temperature stabilization of qPCR assays (2.6x concentration)

Analysis	Specification	Result
Functional	Quantitative PCR analysis amplifying 6 genes from a dilution series of mouse cDNA under standard conditions. <u>Pass Criteria:</u> C _t profiles must be consistent for the test and reference sample within ± 0.5 Cq variance.	Passed
DNA contamination	Quantitative PCR analysis with no template. Presence of <i>E. coli</i> and mouse genomic DNA checked. <u>Pass Criteria:</u> Test sample must amplify in concordance with control sample.	Passed
DNase contamination	DNase contamination is measured as DNA substrate degradation against a DNase I dilution series by agarose gel electrophoresis. Limit of detection: 6.25×10^{-4} KU DNase I <u>Pass Criteria:</u> No detectable degradation.	Passed

QA / QC Representative:



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