	Certificate of Analysis	COA No: CA_BSM-0091-2
		Version: 07

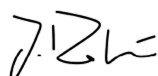
Lyo-Ready™ qPCR Mix For research or further manufacturing use only	Catalog No:	MDX021
	Lot No:	EM027-B129640
	Storage Conditions:	-20°C
	Component Lot No:	LNR-324507A
	Expiry date:	August 2026

Quality Control Parameters

Ready-to-use, glycerol-free qPCR mastermix formulated with a specialized blend of excipients for lyophilization into beads or cakes

Analysis	Specification	Result
Functional	Quantitative PCR analysis amplifying 6 genes from a dilution series of mouse cDNA under standard conditions. C _t profiles must be consistent for the test and reference sample with ± 0.5 C _q 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 x 10 ⁻³ U DNase.	Passed

QA / QC Representative:



J. Rahnenführer

Date: 31st July 2024

United Kingdom

Tel: +44 (0)20 8830 5300
Fax: +44 (0)20 8452 2822

USA

Tel: +1 901.382.8716
Fax: +1 901.382.0027

Germany

Tel: +49 (0)3371 60222 00
Fax: +49 (0)3371 60222 01