

	Certificate of Analysis	COA No: CA_BSM-0013-2
		Version: 06

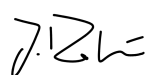
Low DNA qPCR Mix For research or further manufacturing use only	Catalog No:	MDX030
	Lot No:	EM040-B331170
	Storage Conditions:	-20°C
	Component Lot No:	SM2-325303A
	Expiry date:	April 2027

Quality Control Parameters

Low DNA qPCR Mix is ideal for microbial and fungal DNA detection assays

Analysis	Specification	Result
Functional	Quantitative PCR analysis amplifying 6 genes from a dilution series of mouse cDNA under standard conditions. Cq profiles must be consistent for the test and reference sample with ± 0.5 Cq 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 line 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 show less degradation than the limit of detection 2.5×10^{-3} U DNase I.	Passed

QA / QC Representative:



J. Rahnenführer

Date: 05th March 2025

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