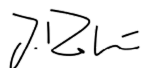
	<b>Certificate of Analysis</b>	COA No: CA_BSM-0126
		Version: 02

<b>Lyo-Ready Direct DNA qPCR Urine, 4x</b>  For research or further manufacturing use only	Catalog No:	MDX152
	Lot No:	B337710
	Storage Conditions:	-20°C
	Component Lot No:	525104A
	Expiry date:	May 2027

### Quality Control Parameters

Analysis	Specification	Result
Functional	Quantitative real-time PCR analysis amplifying a target gene from dilutions of mouse cDNA under standard cycling conditions. <u>Pass Criteria:</u> Amplification profile of a 1:10 template dilution must be consistent for the test and reference sample within $\leq 1.0$ Cq difference.	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. Amplification traces must overlay with the negative control.	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 $2.5 \times 10^{-3}$ U DNase.	Passed

QA / QC Representative:



J. Rahnenführer

Date: 06<sup>th</sup> May 2025

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