
	Certificate of Analysis	COA No: CA_BSM-0126
		Version: 01

Air-Dryable™ Direct DNA qPCR Urine, 4x For research or further manufacturing use only	Catalog No:	MDX152
	Lot No:	B129360
	Storage Conditions:	-20°C
	Component Lot No:	324207A
	Expiry date:	August 2026

Quality Control Parameters

Analysis	Specification	Result
Functional	<p>Quantitative real-time PCR analysis amplifying a target gene from dilutions of mouse cDNA under standard cycling conditions.</p> <p><u>Pass Criteria:</u></p> <p>Amplification profile of a 1:10 template dilution must be consistent for the test and reference sample within ≤ 1.0 Cq difference.</p>	Passed
DNA contamination	<p>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.</p>	Passed
DNase contamination	<p>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.</p>	Passed

QA / QC Representative: 

X. Chen

Date: 24th 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