

# Air-Dryable™ Direct DNA qPCR Urine, 4x

For research or further manufacturing use only

Catalog No:	MDX152
Lot No:	B119380
Storage Conditions:	-20°C
Component Lot No:	323208A
Expiry date:	September 2025

## 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 ≤ 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 x 10 <sup>-3</sup> U DNase.	Passed

QA / QC Representative:



Andrew Galeeba-M

Date: 16<sup>th</sup> August 2023

**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