

	Certificate of Analysis	COA No: CA_BSM-0130
		Version: 02

Lyo-Ready™ Genotyping Direct qPCR Blood, 4x Suitable for Research and further Manufacturing Use	Catalog No:	MDX128
	Lot No:	B348800
	Storage Conditions:	-20°C
	Component Lot No:	525108A
	Expiry date:	September 2027

Quality Control Parameters

Analysis	Specification	Result
Functional	Quantitative real-time PCR analysis amplifying target genes from dilutions of mouse cDNA under standard cycling conditions. <u>Pass criteria:</u> Delta Ct of test and history (1:10 template dilution) is ≤0.5 Delta EF% between Test and History – 1:10 dilution is ≤20% of History	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. <u>Pass Criteria:</u> Amplification traces must overlay with 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 2.5×10^{-3} U DNase. <u>Pass Criteria:</u> No detectable degradation	Passed

QA / QC Representative:  J. Rahnenführer

Date: 15th August 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