

Fast qPCR Buffer, 4x

Suitable for Research and further Manufacturing Use as an IVD component

Catalog No:	MDX033
Lot No:	CP082-B107060
Storage Conditions:	-20°C
Component Lot No:	FB4-222104A
Expiry date:	May 2024

Quality Control Parameters

Optimized for use with Taq HS DNA Polymerase (Cat# MDX008)

Analysis	Specification	Result
Functional	Quantitative RT-PCR analysis amplifying three different targets from a dilution series of mouse cDNA under standard conditions. <u>Pass Criteria:</u> Ct profiles must be consistent for test and reference samples with a ± 0.5 Ct variance. The delta Rn of the amplification traces, for test and reference samples, must be within 10 %.	Passed
DNA contamination	Quantitative PCR analysis with no template. Presence of <i>E. coli</i> and mouse genomic DNA checked. <u>Pass Criteria:</u> Test sample must amplify in concordance with control sample.	Passed
DNase contamination	DNase contamination is measured as DNA substrate degradation against a DNase I dilution series by agarose gel electrophoresis. Limit of detection: 6.25×10^{-4} KU DNase I. <u>Pass Criteria:</u> No detectable degradation.	Passed

QA / QC Representative:



Andrew Galeeba-M

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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

Australia

Tel: +61 (0)2 9209 4180
Fax: +61 (0)2 9209 4763