BIOLINE A Meridian Life Science® Company	Certificate of Analysis	COA No: CA_BEM-0025
		Version: 02

SensiFast Reverse Transcriptase For Research Use Only	Storage Conditions:	-20°C
	Lot number:	SRT-516206
	Expiry date:	July 2018

Quality Control Parameters

Analysis	Specification	Result
Functional	Quantitative PCR analysis amplifying 4 genes from a dilution series of mouse RNA under standard conditions. Cq and melting profiles must be consistent for the test and reference sample with 0.5+/- Cq variance.	Passed
DNA contamination	Quantitative PCR analysis with no template. Presence of *E. coli* and mouse genomic DNA checked. Test sample must amplify in line with control sample.	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^{-3} U DNase I.	Passed
RNase contamination	Quantitative PCR analysis with high and low RNase standards. Test sample must show less RNase activity than the limit of detection 9.7x10^{-3} ng/µL RNase.	Passed

Authorised by Christopher Weatherall

United Kingdom
Headquarters UK
info.uk@bioline.com
Tel: +44 (0)20 8830 5300
Fax: +44 (0)20 8452 2822

USA
info.us@bioline.com
Tel: +1 508 880 8990
Fax: +1 508 880 8993

Germany
info.de@bioline.com
Tel: +49 (0)3371 681 229
Fax: +49 (0)3371 681 244

France
Info.fr@bioline.com
Tel: +33 (0)1 42 56 04 40
Fax: +33 (0)9 70 06 62 10

Australia
info.aust@bioline.com
Tel: +61 (0)2 9209 4180
Fax: +61 (0)2 9209 4763

Singapore
Info.sg@bioline.com
Tel: +65 6774 7196
Fax +65 6774 6441

BIOLINE A Meridian Life Science® Company	Certificate of Analysis	COA No: CA_BB-0050
		Version: 02

5x TransAmp Buffer	Storage Conditions:	-20°C
	Lot number:	TAB-616106
For Research Use Only	Expiry date:	July 2018

Quality Control Parameters

Analysis	Specification	Result
Functional	Quantitative PCR analysis amplifying 4 genes from a dilution series of mouse cDNA under standard conditions. cDNA was synthesised using the SensiFAST cDNA synthesis kit, using recommended conditions. Cq and melting profiles for the test must be within the reference variance.	Passed
DNA contamination	Quantitative PCR analysis with no template. Presence of *E. coli* and mouse genomic DNA checked. Test sample must amplify in line with control sample.	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^{-3} U DNase I.	Passed
RNase contamination	Quantitative PCR analysis with high and low RNase standards. Test sample must show less RNase activity than the limit of detection 9.7x10^{-3} ng/µL RNase.	Passed

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France
Info.fr@bioline.com
Tel: +33 (0)1 42 56 04 40
Fax: +33 (0)9 70 06 62 10

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Fax: +61 (0)2 9209 4763

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