BIOLINE A Meridian Life Science® Company	Certificate of Analysis	COA No: CA_BSM-0032 Version: 01

SensiFAST™ Probe Hi-ROX One-Step Kit For Research Use Only	Storage Conditions:	-20°C
	Lot number:	SFPH1S-515107
	Expiry date:	August 2017

Quality Control Parameters

Analysis	Specification	Result
Functional	Quantitative PCR analysis amplifying 6 genes from a dilution series of mouse RNA under standard conditions. Cq 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

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BIOLINE A Meridian Life Science® Company	**Certificate of Analysis**	**COA No: CA BE-0031** **Version: 01**

RNase Inhibitor For Research Use Only	Storage Conditions:	-20°C
	Lot number:	RI-515107
	Expiry date:	August 2017

Quality Control Parameters

Analysis	Specification	Result
Inhibition	Test level of inhibition by incubating total RNA with concentration gradient of RNase A. Bands were observed with agarose gel electrophoresis (ethidium stained).	Passed

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BIOLINE A Meridian Life Science® Company	Certificate of Analysis	COA No: CA_BEM-0011 Version: 01

Reverse Transcriptase For Research Use Only	Storage Conditions:	-20°C
	Lot number:	RTP-515107
	Expiry date:	August 2017

Quality Control Parameters

Analysis	Specification	Result
Functional	Quantitative PCR analysis amplifying 6 genes from a dilution series of mouse RNA under standard conditions. Cq 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

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BIOLINE A Meridian Life Science® Company	Certificate of Analysis	COA No: CA_BS-0020 Version: 01

DEPC Water For Research Use Only	Storage Conditions:	-20°C
	Lot number:	DWT-415107
	Expiry date:	August 2017

Quality Control Parameters

Analysis	Specification	Result
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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