BIOLINE	**Certificate of Analysis**	**COA No: CA_XBE-0003**
		Version: 03

Bioscript™ Reverse Transcriptase	Storage Conditions:	-20°C
	Lot number:	MV-718107A
For Research Use Only	Expiry date:	July 2020

Quality Control Parameters

Analysis	Specification	Result
Functional	Fragment of size 1Kb was reverse transcribed with Bioscript, with a template dilution series, using standard conditions. Single distinct bands were observed with agarose gel electrophoresis (ethidium stained).	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 a reference 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.	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	**Certificate of Analysis**	**COA No: CA XBB-0003**
		Version: 03

Bioscript Reaction Buffer	Storage Conditions:	-20°C
	Lot number:	MB-718307A
For Research Use Only	Expiry date:	July 2020

Quality Control Parameters

Analysis	Specification	Result
Functional	Fragment of size 1Kb was reverse transcribed with Bioscript, with a template dilution series, using standard conditions. Single distinct bands were observed with agarose gel electrophoresis (ethidium stained).	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 a reference 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.	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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