BIOLINE	**Certificate of Analysis**	**COA No: CA_XBE-0003**
		Version: 04

BioScript™ Reverse Transcriptase For Research Use Only	Kit Lot No:	BIO-27036_RA391-B065940
	Storage Conditions:	-20°C
	Component Lot No:	MV-719101A
	Expiry date:	February 2021

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 2.5×10^{-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 9.7×10^{-3} ng/µL RNase.	Passed

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BIOLINE	**Certificate of Analysis**	**COA No: CA XBB-0003**
		Version: 04

BioScript™ Reaction Buffer For Research Use Only	Kit Lot No:	BIO-27036_RA391-B065940
	Storage Conditions:	-20°C
	Component Lot No:	MB-819101A
	Expiry date:	February 2021

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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