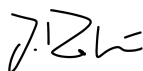
	Certificate of Analysis	COA No: CA_BSM-0030
		Version: 09

SensiFAST™ SYBR® No-ROX One-Step Kit For research or further manufacturing use only	Catalog No:	BIO-72005
	Lot No:	SF611-B125620
	Storage Conditions:	-20°C
	Component Lot No:	SFSN1S-224102A
	Expiry date:	March 2026

Quality Control Parameters

Analysis	Specification	Result
Functional	Quantitative PCR analysis amplifying 6 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 <i>E. coli</i> 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 2.5×10^{-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 9.7×10^{-3} ng/ μ L RNase.	Passed

QA / QC Representative:



J. Rahnenführer

Date: 23rd February 2024

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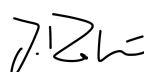
	Certificate of Analysis	COA No: CA_BEM-0010
		Version: 08

Reverse Transcriptase For research or further manufacturing use only	Catalog No:	BIO-72005
	Lot No:	SF611-B125620
	Storage Conditions:	-20°C
	Component Lot No:	RTS-224202A
	Expiry date:	March 2026

Quality Control Parameters

Analysis	Specification	Result
Functional	Quantitative PCR analysis amplifying 6 genes from a dilution series of mouse RNA under standard conditions. Cq and melt 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 <i>E. coli</i> 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 2.5×10^{-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 9.7×10^{-3} ng/ μ L RNase.	Passed

QA / QC Representative:



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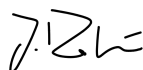
	Certificate of Analysis	COA No: CA_XBE-0031
		Version: 09

RNase Inhibitor Suitable for Research and further Manufacturing Use	Catalog No:	BIO-72005
	Lot No:	SF611-B125620
	Storage Conditions:	-20°C
	Component Lot No:	RI-124302B
	Expiry date:	March 2026

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

QA / QC Representative:



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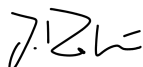
	Certificate of Analysis	COA No: CA_XBS-0020
		Version: 08

DEPC Water For research or further manufacturing use only	Catalog No:	BIO-72005
	Lot No:	SF611-B125620
	Storage Conditions:	-20°C
	Component Lot No:	DWT-124902C
	Expiry date:	March 2026

Quality Control Parameters

Analysis	Specification	Result
DNA contamination	Quantitative PCR analysis with no template. Presence of <i>E. coli</i> 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 2.5×10^{-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 9.7×10^{-3} ng/μL RNase.	Passed

QA / QC Representative:



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