BIOLINE	**Certificate of Analysis**	**COA No: CA_BSM-0002**
		Version: 02

SensiMix™ SYBR Low-ROX Kit	Storage Conditions:	-20°C
	Lot number:	SMT-L-515411
For Research Use Only	Expiry date:	December 2017

Quality Control Parameters

Analysis	Specification	Result
Functional	Quantitative PCR analysis amplifying 6 genes from a dilution series of mouse cDNA 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

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	**Certificate of Analysis**	**COA No: CA BB-0014**
		Version: 02

$MgCl_2$ Solution, 50mM	Storage Conditions:	-20°C
	Lot number:	MG-515109
For Research Use Only	Expiry date:	December 2017

Quality Control Parameters

Analysis	Specification	Result
Functional	Fragments of sizes 800bp and 3000bp are amplified with a dilution series of BIOTAQ™ DNA Polymerase, using standard conditions and 30 cycles. 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

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