



A Meridian Life Science® Company

Certificate of Analysis

COA No: CA_BSM-0002

Version: 01

SensiMix™ SYBR Low-ROX Kit

For Research Use Only

Storage Conditions: -20°C

Lot number: SMT-L-515102

Expiry date: March 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 <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

Authorised by Jade James

Europe
Headquarters UK

info.uk@bioline.com
Tel: +44 (0)20 8830 5300
Fax: +44 (0)20 8452 2822

Europe
Germany

info.de@bioline.com
Tel: +49 (0)3371 681 229
Fax: +49 (0)3371 681 244

America

info.us@bioline.com
Tel: +1 508 880 8990
Fax: +1 508 880 8993

Australia

info.aust@bioline.com
Tel: +61 (0)2 9209 4180
Fax: +61 (0)2 9209 4763



Certificate of Analysis

COA No: CA BB-0014

Version: 01

MgCl₂ Solution, 50mM

For Research Use Only

Storage Conditions:	-20°C
Lot number:	MG-414112
Expiry date:	March 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 <i>E. coli</i> 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

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Tel: +1 508 880 8990
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Tel: +61 (0)2 9209 4180
Fax: +61 (0)2 9209 4763