



Certificate of Analysis

COA No: CA BEM-0016

Version: 04

MyFi DNA Polymerase

For Research Use Only

Kit Lot No:	BIO-21119_PL368-BO65050
Storage Conditions:	-20°C
Component Lot No:	MF-818211C
Expiry date:	December 2020

Quality Control Parameters

Analysis	Specification	Result
Functional	Fragment of size 525bp is amplified with a dilution series of MyFi DNA Polymerase, using standard conditions and 35 cycles. Fragments of sizes 7Kb and 1300bp are amplified with a dilution series of human genomic DNA, using standard conditions and 35 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

Authorised by Christopher Weatherall

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Certificate of Analysis

COA No: CA_XBB-0040

Version: 04

MyFi™ Buffer

For Research Use Only

Kit Lot No: BIO-21119_PL368-BO65050

Storage Conditions: -20°C

Component Lot No: MFB-818111B

Expiry date: December 2020

Quality Control Parameters

Analysis	Specification	Result
Functional	Fragments of sizes 525bp and 7Kb were amplified with a dilution series of human genomic DNA, using standard conditions and 35 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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