

MyFi™ DNA Polymerase

For research or further manufacturing use only

Catalog No:	BIO-21117
Lot No:	PL366-B099490
Storage Conditions:	-20°C
Component Lot No:	MF-021209A
Expiry date:	October 2023

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

QA / QC Representative:



Alberta Newton

 Date: 14th September 2021

United Kingdom

 Tel: +44 (0)20 8830 5300
 Fax: +44 (0)20 8452 2822

USA

 Tel: +1 901.382.8716
 Fax: +1 901.382.0027

Germany

 Tel: +49 (0)3371 60222 00
 Fax: +49 (0)3371 60222 01

Australia

 Tel: +61 (0)2 9209 4180
 Fax: +61 (0)2 9209 4763

MyFi™ Buffer

For research or further manufacturing use only

Catalog No:	BIO-21117
Lot No:	PL366-B099490
Storage Conditions:	-20°C
Component Lot No:	MFB-021209A
Expiry date:	October 2023

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

QA / QC Representative:



Alberta Newton

Date: 14th September 2021

United Kingdom

Tel: +44 (0)20 8830 5300
Fax: +44 (0)20 8452 2822

USA

Tel: +1 901.382.8716
Fax: +1 901.382.0027

Germany

Tel: +49 (0)3371 60222 00
Fax: +49 (0)3371 60222 01

Australia

Tel: +61 (0)2 9209 4180
Fax: +61 (0)2 9209 4763