



## Certificate of Analysis

COA No: CA BE-0013

Version: 02

### Quick Stick Ligase

For Research Use Only

Storage Conditions: -20°C

Lot number: QS-617110A

Expiry date: November 2019

### Quality Control Parameters

Analysis	Specification	Result
Functional	PstI digests ligated using Quick Stick Ligase, before a further PstI digest. Standard conditions used.	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 $2.5 \times 10^{-3}$ U DNase I.	Passed

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## Certificate of Analysis

COA No: CA BB-0017

Version: 02

### Quick Stick Ligase Buffer

For Research Use Only

Storage Conditions: -20°C

Lot number: QB-617110A

Expiry date: November 2019

### Quality Control Parameters

Analysis	Specification	Result
Functional	PstI digests ligated using Quick Stick Ligase, before a further PstI digest. Standard conditions used.	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 $2.5 \times 10^{-3}$ U DNase I.	Passed

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## Certificate of Analysis

COA No: CA BB-0019

Version: 02

### DNA Dilution buffer

For Research Use Only

Storage Conditions: -20°C

Lot number: DB-617110A

Expiry date: November 2019

### Quality Control Parameters

Analysis	Specification	Result
Functional	Three restriction digests showed clear differences between ligated and digested product, in the presence of the DNA dilution buffer.	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 $2.5 \times 10^{-3}$ U DNase.	Passed

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