



## Certificate of Analysis

COA No: CA\_XBE-0013-2

Version: 03

### Quick Stick Ligase

For Research Use Only

Storage Conditions: -20°C

Lot number: QS-618105A

Expiry date: June 2020

### 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\_XBB-0017

Version: 03

### Quick Stick Ligase Buffer

For Research Use Only

Storage Conditions: -20°C

Lot number: QB-618105B

Expiry date: June 2020

### 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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 <small>A Mediatech Life Sciences Company</small>	<h2>Certificate of Analysis</h2>	COA No: CA_XBB-0019
		Version: 03

<h1>DNA Dilution buffer</h1>  <p>For Research Use Only</p>	Storage Conditions:	-20°C
	Lot number:	DB-718105B
	Expiry date:	June 2020

### 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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