



## Certificate of Analysis

COA No: CA BE-0005

Version: 02

### UDGase

For Research Use Only

Storage Conditions: -20°C

Lot number: UNG-516104

Expiry date: May 2018

### Quality Control Parameters

Analysis	Specification	Result
Functional	dUTP PCR products are degraded on the addition of UDGase in the presence of 10x UDGase reaction buffer. 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 $2.5 \times 10^{-3}$ U DNase.	Passed

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## Certificate of Analysis

COA No: CA BB-0024

Version: 02

# 10x UDGase Reaction Buffer

For Research Use Only

Storage Conditions: -20°C

Lot number: UNGB-516104

Expiry date: May 2018

## Quality Control Parameters

Analysis	Specification	Result
Functional	dUTP PCR products are degraded on the addition of UDGase in the presence of 10x UDGase reaction buffer. 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 $2.5 \times 10^{-3}$ U DNase.	Passed

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