

	Certificate of Analysis	COA No: CA_XBB-0024
		Version: 08

10x UDGase Reaction Buffer For research or further manufacturing use only	Catalog No:	BIO-27044
	Lot No:	ME382-B121360
	Storage Conditions:	-20°C
	Component Lot No:	UNGB-223110A
	Expiry date:	NOV 2025

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 2.5×10^{-3} U DNase.	Passed

QA / QC Representative: Birce Hacisevki



Date: 18th October 2023

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Certificate of Analysis

COA No: CA_XBE-0005

Version: 11

Uracil DNA Glycosylase

Suitable for Research and further Manufacturing Use

Catalog No: BIO-27044

Lot No: ME382-B121360

Storage Conditions: -20°C

Component Lot No: UNG-323110A

Expiry date: NOV 2025

Quality Control Parameters

Enzyme that efficiently hydrolyzes uracil from ssDNA or dsDNA. Endonuclease, exonuclease, nickase and RNase-free

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