

Uracil DNA Glycosylase (UDG)

Cat. No.: EN19
Version: 1.2020

CERTIFICATE OF ANALYSIS

#EN19	Uracil DNA Glycosylase (UDG)
Concentration:	1 U/ μ l
Components:	UDG L. HAE835775 10x UDG Reaction Buffer L. HAB835775
Unit definition:	One unit is defined as the amount of enzyme that catalyzes the release of 60 pmol of uracil per minute from uracil-containing dsDNA. Activity is measured by release of [³ H]-uracil in a 50 μ l reaction containing 0.2 μ g DNA in 30 minutes at 37°C.
Batch Number:	HAZ835775
Expiry Date:	02.2021
Store at:	-20°C
Supplied in:	20 mM Tris-Cl, pH 8.0, 0.1 M NaCl, 0.1 mM EDTA , 1 mM DTT, 0.1% stabilizer and 50% glycerol
Description:	<i>E. coli</i> Uracil DNA Glycosylase (UDG) catalyzes the hydrolysis of the N-glycosylic bond between uracil and sugar, leaving an apyrimidinic site in uracil-containing single-stranded or double-stranded DNA. The enzyme shows no activity on RNA or oligonucleotides.

QUALITY CONTROL

UDG is tested for degradation of PCR product containing dUTPs. The product is free of unspecific DNA nucleases.

Quality authorized by: Justyna Leibner-Ciszak

Date: 28.02.2020

This document was generated electronically and is therefore valid without signature.

PRODUCT USE LIMITATION

This product of Blirt S.A. has been developed for research purposes only and it is not suitable for human and animal therapeutic or diagnostic use.

WARRANTY TERMS

Blirt S.A. guarantees that the quality of the product, within its expiry date, complies with the specifications of the Certificate of Analysis provided the product was stored properly in original packaging. In case of any complaints within specified warranty period, Blirt S.A. is obliged to replace any batch or Product's item within the Product's expiry date, free of charge. Blirt S.A. awards no other, additional warranties, excluding any other direct or indirect guarantees regarding suitability, productivity, the purpose of use, merchantability, storage conditions or any other factors in relation to products of Blirt S.A.

LIMITATION OF LIABILITY

Blirt S.A. is not liable for any direct, indirect, incidental, intentional, or consequential damages that may result from the use of or inability to use any product of Blirt's. By purchasing any Blirt's product, a purchaser acknowledges the guarantee terms that indisputably state that the only grounds for a complaint and thereby replacement of the product, free of charge is a detection of the product's defect that compromises its functionality in accordance with its specification.