

Uracil-DNA Glycosylase

For research purposes only. Not for use in diagnostic procedures for clinical purposes. FOR *IN VITRO* USE ONLY

Cat. No. ME-0610-03

300u @ 1u/μl

Description: *E.coli* Uracil-DNA glycosylase (UDG or UNG) hydrolyses the release of free uracil from uracil-containing DNA. UDG efficiently hydrolyses single or double-stranded DNA, but not from oligomers (6 or less bases).

Unit definition: One unit is defined as the amount of enzyme that catalyses the release of 60pmol of uracil per minute from double-stranded, uracil containing DNA.

Concentration: 1,000 - 5,000 units per ml

Supplied with a vial of 10x reaction buffer (200mM Tris-HCl, (pH8.0), 10mM EDTA, 10mM DTT)

Source: Purified from *E.coli* expressing the *ung* gene of *E.coli* on a plasmid.

Storage: Store at -20°C in a constant temperature freezer.

Eurogentec S.A.

Parc scientifique du Sart Tilman
4102 SERAING
BELGIUM

Tel. +32 4 366 0150 *Fax.* +32 4 365 1604