

CERTIFICATE OF ANALYSIS

Data Update: 10/27/2010

Product	Uracil DNA Glycosylase (UNG)
Product Cat. No.	E00011
Lot No.	090910
Storage	Store at -20°C.

Test Items	Specifications	Results
Bioactivity	Measured by release of [³ H]-uracil in a 50ul reaction containing 0.2ug DNA (10 ⁴ -10 ⁵ cpm/ug) in 30 minutes at 37°C	5 Unit/ul
Purity	Using SDS-PAGE to test purity more than 95%	Qualified
Exonuclease Activity	Incubation with linear DNA at 37°C Linear DNA keep intact	Qualified
Endonuclease Activity	Incubation with circular DNA at 37°C Circular DNA keep intact	Qualified
Stability	16-Hour Incubation at 37°C No reducing of activity	Qualified

Caution:

For laboratory or further manufacturing use only. Not intended for household use. If you have any questions about the Certificate of Analysis, please contact our customer service representative at 1-877-436-7274 (Toll-Free), or 1-732-885-9188.

Certified by:  Date: 10/27/2010
Quality Assurance Department