

Product Datasheet

Thermolabile UNG (Uracil N-Glycosylase) - 10 u/μl (orb1821423)

Catalog Number	orb1821423
Category	Tools
Description	Thermolabile UNG (UDG) is used in real-time PCR to prevent carry-over contamination of dU-containing DNA from previous reactions. The enzyme is fully active at temperatures up to 55°C and inactivated above 65°C. Thermolabile Uracyl N-Glycosylase (UNG, UDG) catalyzes the release of uracil from single and double stranded uracyl-containing DNA. The resulting abasic sites are susceptible to hydrolytic cleavage at elevated temperatures. An amount of 1 unit UNG completely digests 10 ⁴ to 10 ⁶ copies of U-containing DNA fragments in 2 min at 50°C.
Form/Appearance	liquid
Concentration	10 unit/μl
Storage	store at -20 °C. avoid freeze/thaw cycles
Note	For research use only

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