

Product Datasheet

Ultra DNA Polymerase (orb1733670)

Description	Ultra DNA Polymerase is a genetically optimized DNA polymerase for robust, fast and accurate amplification, even with difficult or GC-rich DNA templates. The polymerase is based on Pfu with a fused DNA binding domain. The polymerase is tolerant against various inhibitors allowing stable amplification with minimized assay optimization. The enhanced processivity guarantees highly efficient amplification and makes the enzyme the ideal choice for routine applications in analytical or diagnostic assays, cloning and PCR with long or difficult templates. With a 2x increased extension rate and a 50x increased fidelity compared to Taq, Ultra DNA Polymerase generates improved product yields at high speed without compromising accuracy.
Form/Appearance	liquid
Concentration	2.0 units/ μ l
Storage	store at -20 °C. avoid freeze/thaw cycles
Note	For research use only
Expiration Date	12 months from date of receipt.

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