

Product Datasheet

Vazyme - 2 × Rapid Taq Plus Master Mix (Dye Plus) (P223-02)

Catalog Number	P223-02
Category	Tools
Description	Rapid Taq Plus DNA Polymerase is a new generation Taq DNA polymerase with a high amplification success rate. This product combines high blocking rate dual-species antibodies (binding different antigenic epitopes) and an optimized buffer system, demonstrating excellent success rate and specificity at an extension rate of 1 - 10 sec/kb. The pre-prepared 2 × Master Mix only requires the addition of primers and templates for PCR amplification, reducing pipetting operations and increasing detection throughput and result reproducibility. This product has robust amplification performance and high storage stability. It supports PCR amplification of genomic, plasmid, and λDNA templates up to 15 kb, and cDNA templates up to 10 kb. The unique protectant added to the product ensures that 2 × Master Mix does not freeze when stored at -20°C, allowing for convenient use. Additionally, this product contains tracking dyes, enabling direct electrophoresis analysis after the reaction. The amplification products are applicable for ClonExpress Ultra One Step Cloning Kit V3 (Vazyme #C117) and Ultra-Universal TOPO Cloning Kit (Vazyme #C603).
Application notes	Rapid amplification: 1-10 sec/kb (2 kb, 1 sec/kb; 5 kb, 5 sec/kb; ≤15 kb, 10 sec/kb); Hot start: Dual-blocking antibody enables superior specificity and sensitivity; Broad compatibility: Works with 24%-79% GC systems and 7-plex amplification; Convenience: Store at -20°C without freezing, ready to use and include tracking dye.
Usage Notes	Restricted to UK and Ireland's customers ONLY
Storage	Store at -30 ~ -15°C and ship at ≤0°C.
Note	For research use only
Expiration Date	12 months from date of receipt.

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