

Product Datasheet

Vazyme - 2 × Taq Plus Master Mix II (Dye Plus) (P213-02)

Description	2 × Taq Plus Master Mix II (Dye Plus) contains Taq Plus DNA Polymerase, dNTP and an optimized buffer system, which is suitable for high yield PCR. Compared with Taq DNA Polymerase, it has higher fidelity, stronger amplification performance and higher yield. This product can efficiently amplify up to 10 kb genomic DNA fragments, 15 kb plasmid DNA fragments and λDNA fragments. The 2 × Taq Plus Master Mix II only needs to add primers and templates to perform amplification reaction, thereby reducing pipetting operations and improving detection throughput and reproducibility of results. The system contains protective agents that keep 2 × Taq Plus Master Mix II stable in activity after repeated freezing and thawing. This product containing loading buffer, so PCR products can be directly loaded for electrophoresis after the reaction, which is convenient to use. The PCR product has an adenine at the 3' end that can be cloned into the T vector. It is also compatible with ClonExpress and TOPO cloning kits (Biorbyt #C112/C113/C115/C601).
Storage	Store at -30 ~ -15°C for up to 12 months, and transport at ≤0°C.
Note	For research use only
Application notes	Add 3'→5' exonuclease activity; Fidelity is 6 times that of Taq DNA Polymerase; Improve amplification yield and length; Ready-to-use premix, minimizing experimental steps
Expiration Date	12 months from date of receipt.

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