



## 2x Taq PLUS DNA Polymerase Mix

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2x Taq Plus Mix is a premixed; ready-to-use solution containing Taq Plus DNA Polymerase; dNTPs; Mg<sup>2+</sup> and Reaction Buffer at optimal concentrations for efficient amplification of DNA templates by PCR. To prepare the final PCR; only primers and template DNA are added. Plus Mix contributes to highly reproducible PCR by reducing the risk of pipetting errors; miscalculation and contamination. It also contributes to higher sensitivity by adding enhancer.

Taq Plus; a mixture of Taq and Pfu polymerase; blends the processivity of Taq with the high fidelity of Pfu. Therefore; this specially formulated Taq plus allow amplification of the higher fidelity and longer templates than the single-enzyme formulations. It is also a better choice for amplifying complex template; such as GC-rich template. And it is suitable as a direct replacement for ordinary Taq Polymerase in most applications. In addition; Using Taq plus results in 3'-dA overhangs PCR products; which can be used in TA clone.

Catalog No.	510012
Size	1mL
Product Category	PCR / qPCR / RT-PCR
Storage/Stability	-20°C/1 year
Shipping	Gel Packs