



California Bioscience

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Product Datasheet

Product Name	Taq Plus DNA Polymerase Recombinant
Cata No	CB500486
Source	<i>Recombinant E.coli contains Thermus aquaticus polymerase gene.</i>
Synonyms	Taq Plus DNA Polymerase, Taq Plus DNA, TaqPDNA.

Description

Taq Plus is a mixture of Taq and Pfu. Taq Plus, which is used to improve the reliability and yield of conventional primer extension reaction. Taq Plus has two following advantages over Taq: (1) high fidelity with an error frequency 1.6/10⁶ (or 0.0016/10³) during DNA synthesis. (2) Taq Plus

increases the efficiency of polymerization reaction, resulting in a great percentage of extenuation reaction completion up to 10 kb to 30 kb. Pfu has a temperature optimum between 72-78°C and remains > 95% active following 1-hour incubation at 95°C.

*** For Non-Clinical Research Use Only ***