

User Manual

Version 4.0

Product name: *Taq* DNA Polymerase (truncated and exo-)

Cat #: TT-100, TT-200, TT-OEM, B-TPB10

Description:

Taq DNA Polymerase (truncated and exo-) is modified from full length *Taq* DNA polymerase by truncating its N-terminus, with a molecular weight of 61kDa. Compared with regular *Taq* DNA polymerase, this truncated version is deficient in 5'->3' exonuclease activity, but is more thermostable and has higher fidelity in PCR amplification.

Protocol:

Add 5 μ l 10x *Taq* PCR buffer

Add primers to a final concentration of 400 nM

Add 1 μ l DNA polymerase

Add templates

Add H₂O to a final volume of 50 μ l

Carry out thermal cycling

Cycling parameters will vary depending on the primer's T_m and the amplicon lengths

Extension speed: 30 seconds / kb