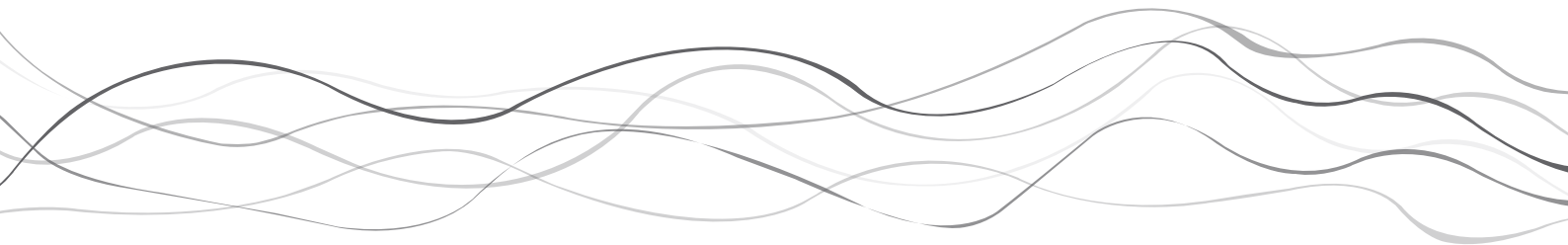


Axen™ Taq PCR Master Mix (2X)



Axen™ Taq PCR Master Mix (2X)

Storage 1year at -20℃ | For research use only

1. Features

- 5'→3' exonuclease activity : Yes
- 3'→5' exonuclease activity : No
- Amplification size : < 3 kb
- PCR products : 3'-dA overhang
- Works with GC rich targets.

2. Kit components

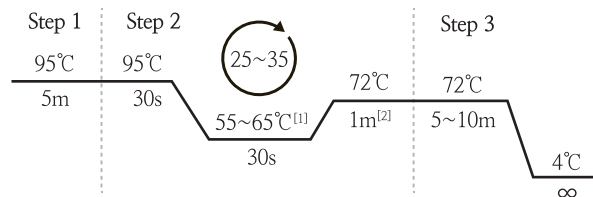
Product	Quantity	Cat. No.
Taq PCR Master Mix (2X)	5 x 1.0mL	MG-E-004-5
Taq PCR Master Mix (2X, with dye)	5 x 1.0mL	MG-E-007-5

3. Protocol

1) Reaction Mixture (For 20 μL or 50 μL reaction)

	20 μL rxn	50 μL rxn
Forward primer	0.1–1.0 μM	
Reverse primer	0.1–1.0 μM	
Template DNA	5–100ng genomic DNA 0.01–10ng plasmid	
Taq PCR Master Mix (2X)	10 μL	25 μL
Water, nuclease free	add to 20 μL	add to 50 μL

2) Thermal cycling conditions



^[1] Optimal annealing temperature depends on the melting temperature of the primers and on the system used.

^[2] The recommended extension step is 1 minute for PCR products up to 2 kb. For longer products, the extension time should be prolonged by 1 minute/kb.