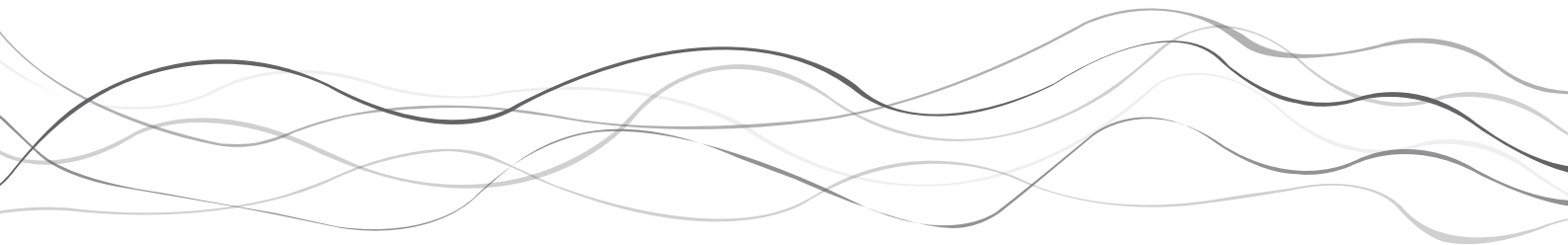


Axen™ High-Q PCR Master Mix (2X)



Axen™ High-Q PCR Master Mix (2X)

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

1. Features

- High-fidelity PCR : 100X higher sequence accuracy than Taq
- Hot Start PCR : antibody
- 5'→3' exonuclease activity : No
- 3'→5' exonuclease activity : Yes
- Amplification size – genomic DNA : < 10kb
– plasmid DNA : < 20kb
- PCR products : blunt end
- Works with both AT and GC rich targets.

2. Kit components

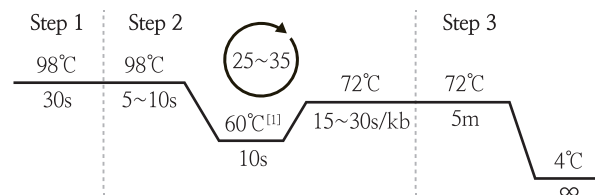
Product	Quantity	Cat. No.
High-Q PCR Master Mix (2X)	5 x 1.0mL	MG-E-006-5
High-Q PCR Master Mix (2X, with dye)	5 x 1.0mL	MG-E-009-5

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	
High-Q PCR Master Mix (2X)	10 μL	25 μL
Water, nuclease free	add to 20 μL	add to 50 μL

2) Thermal cycling conditions



^[1] Enables a universal annealing temperature of 60 °C in PCR