

TECHNICAL SHEET:

2x Taq PCR Master Mix

Storage: at -20°C

Ref:

PW03-01	With Dye	0.5 ml
PW03-02	Without Dye	0.5 ml

Product Description:

PCR MasterMix is a ready-to-use mixture, convenient for amplification of DNA fragments without the need to thaw individual components, reducing the risk of contamination and pipetting errors. It can be used in routine PCR reaction and especially when the target DNA has high GC content or complicated structures. High quality PCR enhancers and stabilizers are added in this system. These reagents will not affect the amplification reaction and significantly reduce overall procedure time and risk of amplicon contamination. PCR MasterMix comes with the choice of an optimized blue color dye and precipitant for direct loading onto gel, or 2x Taq PCR Master Mix without Dye for PCR-RFLP and other.

Kit Contents

- 2x Taq PCR Master Mix 0.5ml
- ddH₂O 0.5ml

Protocol:

- 3-** Thaw the PCR Master Mix at room temperature. Vortex the Master Mix and then spin it in a microcentrifuge to collect the material in the bottom of the tube.
- 2-** Prepare the reaction mixes on ice: (For a 50 µL reaction volume or 25 µL reaction volume).

Component	Volume	Volume
DNA (template)	<1 µg	<1 µg
Primer1(10µM)	1 µL	0.5 µL
Primer2(10µM)	1 µL	0.5 µL
2x MasterMix	25 µL	12.5 µL
ddH ₂ O	up to 50 µL	up to 25 µL

3- Cycling instruction :

94°C	3min	}	30 cycles
94°C	30sec		
55°C	30sec		
72°C	500-2000bp/1min		
72°C	5min		

4- Maintain the reactions at 4°C after cycling. Load 5µl of the PCR product and visualize with GoldView (ref:EH06-03) under UV light.

5- Samples can be stored at -20°C until use.