

Fast-Run™ 2X Taq Master Mix

Date: 2015.12

Version: 15-02

With / without Dye

Cat. No.	Size
PT-TMM228	1.25 mL X 2 tubes
SA-TMM228	200 µL
PT-TMM228-D	1.25 mL X 2 tubes
SA-TMM228-D	200 µL

Product Description:

The Fast-Run™ 2X Taq Master Mix with or without Dye is a ready-to-use PCR master mix.

A PCR reaction is set up simply by combining the Fast-Run™ 2X Taq Master Mix, template DNA, primers, and water.

After the reaction is complete, PCR reaction included the Fast-Run™ 2X Taq Master Mix with Dye can be loaded directly onto an agarose gel. All necessary reaction components are provided in the Master Mix with or without tracking dyes, which contains the following: Taq DNA Polymerase, Reaction Buffer, dNTPs, MgCl₂, and a proprietary mix of PCR Enhancer/Stabilizer.

The Fast-Run™ 2X Taq Master Mix results in robust amplification of normal, high GC% or otherwise difficult templates. Fast-Run™ routinely amplifies targets of up to 5 kb; larger targets of up to 20 kb have been achieved with optimization.

Please store at -20°C

General Protocol:

Reaction Mix Preparation Table		Suggested PCR Program		
Component	Volume	Stage	Temperature	Time
10 uM forward primer	0.4 uL	Initial denature	94-95°C	1-5 min
10 uM reverse primer	0.4 uL	Denature	94-95°C	15-30 sec
DNA template	X* uL	Annealing	55-60°C	10-30 sec
2X Taq Master Mix	10 uL	Extension	72°C	1 min per kb
Sterile H ₂ O	Up to 20 uL	Final extension	72°C	5-10 min
		Preservation	4-10°C	20 min -∞

- For experimental samples, please test for your own cycle conditions
- The PCR mix can be stored at -20°C for at least 1 year

Research Use Only

Please do not hesitate to contact us while you have any questions

Manufactured for and distributed by Protech Technology Enterprise Co.,Ltd

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