

Fast-Run™ Taq Master Mix with Dye

(5X Master Mix)

Date: 2012.11
Version: 12-02

Cat # : PT-TMM528-D Size : 200 Reactions
 SA-TMM528-D Size : 20 Reactions

Product Description:

The Fast-Run™ Taq Master Mix with Dye is ready-to-use PCR mixture for all PCR applications. It offers a convenient, reproducible PCR mix that minimizes the multiple handling steps associated with setting up a PCR. It is supplied as 2 tubes 4°C stored package containing 5X concentrated ready-to-use mixture of Taq DNA polymerase, reaction buffer, MgCl₂, dNTPs, enzyme stabilizer, and tracking dyes. It can amplify up to 5kb specific DNA fragment from lambda DNA. Users only have to add primers, template and water to a final volume of 50 µL to have a complete PCR reaction mix. After PCR program finished, the presence of two premixed dyes allows users to directly load the PCR reaction mix onto the agarose gel for DNA electrophoresis.

Components: Store at 4 °C

PT-TMM528-D: 1ML X 2 tubes

SA-TMM528-D: 200µL X 1 tube

General Protocol:

Set up as follows:

Reaction Mix Preparation Table

Component	Volume
Upstream primer (10µM)	1 µL
Downstream primer (10µM)	1 µL
DNA template	X* µL
Fast-Run™ Taq Master Mix	10 µL
Sterile H ₂ O	Up to 50 µL

*X is variable depend on user's condition.

Suggested PCR Program

Stage	Temperature	Time	
Initial denature	94-95°C	1-5 min	
Denature	25-40 cycles	94-95°C	15-30 sec
Annealing		55-60°C	10-30 sec
Extension		72°C	1 min per kb
Final extension	72°C	5-10 min	
Preservation	4-10°C	20 min -∞	

- For experimental sample, please test for your own cycle conditions.
- The PCR mix is stored at 4°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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