

Fast-Run™ Taq Master Mix

Cat # : PT-TMM528 Size : 200 Reactions (2 mL 5X Master Mix)

Product Description:

The Fast-Run™ Taq Master Mix 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, and enzyme stabilizer. 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.

Components: Store at 4 °C

- 2 tubes of 1 mL 5X Taq Master Mix
- 1 tube of 10 µL Positive control (template & primer mix)

General Protocol:

Set up as follows:

Reaction Mix Preparation Table

Component	Volume
Upstream primer (10 µM)	1 µL
Downstream primer (10 µM)	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.

** positive control adds 1 µL

Suggested PCR Program for Positive Control

Stage	Temperature	Time	
Initial denature	94°C	2 min	
Denature	35 cycles	94°C	1 min
Annealing		60°C	1 min
Extension		72°C	1 min per kb
Final extension	72 °C	7 min	
Preservation	4-10 °C		

- For experimental sample, please test for your own cycle conditions.
- The positive control will give an PCR product of 1 kb.
- The PCR mix is stored in 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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