

Fast-Run™ Advanced Taq Master Mix

(2X Master Mix)

Date: 2012.12

Version: 12-02

Cat # : PT-TMM-AD Size : 100 rxn
SA-TMM-AD Size : 10 rxn

Product Description:

The Fast-Run™ Advanced Taq Master Mix is a ready-to-use 2X 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 in 4°C stored package containing advanced Taq DNA polymerase (with proof-reading function), reaction buffer, dNTPs MgCl₂, stabilizers and tracking dyes. It can amplify up to 20kb specific DNA fragment from 1ng 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 premixed dyes allow users to directly load the PCR reaction mix onto the agarose gel for DNA electrophoresis.

Components: Store at 4°C

PT-TMM-AD: 1.25mL X 2 tubes (100 rxns)

SA-TMM-AD: 125µL X 1 tube (10 rxns)

General Protocol:

Set up as follows:

Reaction Mix Preparation Table

Component	Volume
10µM forward primer	1 µL
10µM reverse primer	1 µL
DNA template	X* µL
Fast-Run™ Advanced Taq Master Mix	25 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	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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