

Fast-Run™ Taq Master Kit

Cat No : TMM528-PTM , 200 Reactions

Product Description:

The Taq Master Mix is ready-to-use PCR reaction mix for amplification of specific DNA fragments. It can be used in place of the single reagent for virtually all PCR applications. It offers a convenient, reproducible PCR mix that minimizes the multiple handling steps associated with setting up a PCR. The Taq Master Mix is supplied as a 5X concentrated ready-to-use mix that can be stored at 4 °C.

5X Taq Master Mix contains 0.75 U/ul Taq DNA polymerase, reaction buffer, MgCl₂ 7.5 mM, 1.25 mM dNTPs and enzyme stabilizer for PCR. The user only has 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. Do not freeze!!*

- 10 tubes of 200 µl 5X Taq Master Mix (Red Cap)
- 1 tube of 10 µl Positive control template & primers Mix (Clear Cap)

General Protocol:

Set up as follows:

	Experimental Sample	Control
Sterile H ₂ O	38-x µl	39 µl
DNA template	x µl	1 µl
Upstream primer (10 µM)	1 µl	-
Downstream primer (10 µM)	1 µl	-
5X Taq Master Mix	10 µl	10 µl
Total	50 µl	50 µl

- For Experimental Sample, go to your own Cycle Conditions.
- For positive control: 1 cycle of 94 °C denaturation for 2 mins, 35 cycles of 94 °C denaturation for 1 min, 60 °C annealing for 1 min and 72 °C extension for 2 mins, finally 1 cycle of 72 °C extension for 7 mins.
- The kit aliquots 10 tubes of **5X Taq Master Mix**, which avoids contamination of frequent use. Each tube is sufficient for 20 reactions of 50 µl PCR.
- The positive control will give an PCR product of 1 kb.

For Research Using Only.

Please do not hesitate to contact us if you have any questions.

Manufactured for and distributed by Protech Technology Enterprise Co.,Ltd
TEL : +886-2-2655-7677 / FAX : +886-2-2655-7601 / Toll Free : 0800-231-530
E-MAIL: service@bio-protech.com.tw ; tech@bio-protech.com.tw
WEB: http://www.bio-protech.com.tw