

Ver.23091

h-Taq PCR Smart Mix (2X) (without dye)

Cat.No.: OHT01

Description: h-Taq PCR Smart Mix (2X) is a concentrated solution consisting of h-Taq DNA polymerase, Buffer, dNTPs and MgCl₂ for easy and convenient use. The product is recommended to use amplification less than 5kb PCR product.

Product contents:

- 1) h-Taq PCR Smart Mix (2X) (without dye)

Storage

- Store at -20°C.

Recommended PCR mixture and cycling condition

PCR mixture (Reaction vol. 50μL)		Cycle		
h-Taq PCR Smart Mix (2X)	25μL	95°C	2 min	×1
Forward primer (10pmol/μL)	2μL	95°C	20 sec	} ×35-40
Reverse primer (10pmol/μL)	2μL	AT	40 sec	
Template DNA (<200ng)	-μL	72°C	1 min/kb	
Add D.W to	50μL	72°C	5 min	×1

- Modifications on the amount of template, extension time, annealing temperature, and the number of PCR cycles can be done according to the target size, primer's T_m, and the type of templates for amplification.