

2 x Hotstart Taq PCR MasterMix

Cat. No	Product	Amount
PR 1801	2 x Hotstart Taq PCR MasterMix	.5 ml

Storage: Up to a year at -20°C.

Description: 2X Hotstart Taq PCR MasterMix is a premix and ready to use solution, including DNA polymerase, buffer, dNTPMixture. It is easy, simple, and has low contamination. Add the MasterMix into primers or templates and the reaction is ready. This product able to perform cloning in T-vector directly because of A base at 3'end.

Reaction Setup:

Component	
2X MasterMix	25 µl
Template DNA (plasmid 5-20 ng, genome 100 ng)	X µl
Upstream Primer (20 µM)	1 µl
Downstream Primer (20 µM)	1 µl
Sterile Water	Up to 50 µl

Thermal cycler condition:

No. of Cycle	Step	Temperature	Time
1	1	95°C	5-10 minutes
30-35	1	95°C	30 seconds
	2	50-60°C	30 seconds
	3	72°C	1 minute/ 1-2kb
1	1	72°C	5 minutes