

Ver.23061

2X HRM Master Mix

Cat.No.OHRM-M

Description: HRM Master Mix (2X) provides optimized system for accurate and easy real-time PCR using an intercalating reagent. Mixed h-*Taq* DNA polymerase enables high specific DNA amplification due to its capability of Hot Start and multiplex PCR amplification.

Product contents:

- 1) 2X HRM Master Mix

Storage

- Store at -20°C

Features

Features	Real Time PCR Smart Mix (2X)
Application	<ul style="list-style-type: none"> • HRM Analysis • Quantitation of target DNA using Real-time PCR. • Quantification of target RNA using RT PCR

Recommended PCR mixture and cycling condition

PCR mixture (Reaction vol. 20 μL)		Cycle		
2X HRM Master Mix	10 μL	95 $^{\circ}\text{C}$	15 min	$\times 1$
Forward primer (10pmol/ μL)	1 μL	95 $^{\circ}\text{C}$	20 sec	} $\times 40-50$
Reverse primer (10pmol/ μL)	1 μL	AT	1 min	
Template DNA (<300ng)	- μL	72 $^{\circ}\text{C}$	1 min/kb	
Add D.W to	20 μL			

- You may modify the amount of template, extension time, annealing temperature, and the number of PCR cycles according to the target size, primer's T_m , and the type of templates for amplification.