Ver.24121

2X Multiplex Real-Time PCR Smart Mix

(for probe)

Cat.No. ODQ722

Description: 2X Multiplex PCR is designed to amplify multiple targets from single template in single PCR tube using *h-Taq* DNA polymerase, chemically modified Hot Start enzyme. *h-Taq* DNA polymerase is useful for multiplex PCR, genotyping, microsatellite due to its high specificity. Recommended for amplifying less than 1kb PCR product.

Product contents

- 2X Multiplex Real-Time PCR Smart mix (for probe): 5 × 0.5mL

Storage

- Store at –20°C for 1year.

Features

Features	Real Time PCR Smart Mix (2X)
Application	• Quantification of target DNA using Real-Time PCR • Quantification of target RNA using RT PCR

Recommended PCR mixture and cycling condition

PCR mixture (Reaction vol. 20µL)		Cycle		
Multiplex Real-Time PCR Smart mix	10µL	95°C	15 min	×1
Forward primer (10pmol/µL)	1µL	95°C	20 sec	×40-50
Reverse primer (10pmol/µL)	1µL	AT	1 min	
Template DNA (<200ng)	-µL	72°C	1 min/kb	
Probe	-µL	72°C	5 min	
Add D.W to	20µL	4°C	∞	

Note

- The template, extension time, annealing temperature, and the number of PCR cycles may be modified according to the target size, primer's Tm, and the type of templates for amplification.