

2X Multiplex Real-Time PCR Smart Mix

(for probe)

Cat.No. ODQ722

Description: 2X Multiplex Real-Time PCR Smart mix provides optimized system for accurate and easy real-time PCR using Taqman probe. Mixed h-*Taq* DNA polymerase enables high specific DNA amplification due to its capability of Hot Start and Multiplex PCR amplification.

Product contents

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

Storage

- Store at –20°C in dark

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 T_m, and the type of templates for amplification.