

One Step RT-qPCR Mix (UNG) Kit, Lyophilized

Product Number: PCK54LY-8

Shipping and Storage

2-8°C.

Component

Component	PCK54
One Step RT-qPCR Mix (UNG) Kit, Lyophilized	16T/bag

Note

- Usually, a primer concentration of 0.2μM can yield good results, and a reference range of 0.1-1.0μM can be used for setting. The concentration of the probe used is related to the fluorescent quantitative PCR instrument, probe type, and fluorescent labeling substance used. Please refer to the instrument manual or the specific usage requirements of each fluorescent probe for concentration adjustment during actual use.
- Usually, the amount of RNA template is based on 10pg-100ng as a reference. Due to the different copy numbers of the target gene contained in templates of different species, gradient dilution of the template can be performed to determine the optimal template usage.

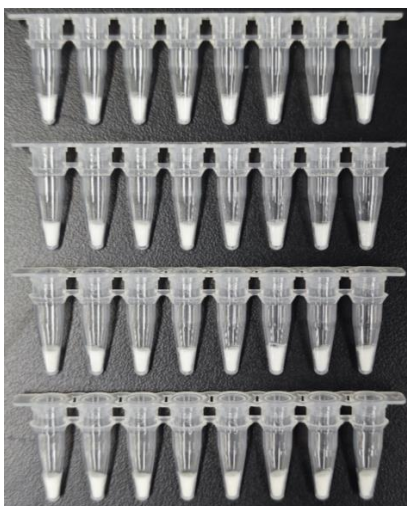
Protocol

The freeze-dried system of One Step RT-qPCR Mix (UNG) Kit, Lyophilized is 25μL/well (template+probe+water=25μL). The ratio of NF water to template can be adjusted by adding probes according to the actual situation.

RT-PCR reaction conditions

Step	Temperature	Time	Temperature control time
Reverse transcription	50°C	5 min	1
Pre denaturation	95°C	30s	1
Denaturation	95°C	5s	45
Annealing extension, collecting fluorescence	58°C	30s	

Freeze dried form



Picture: One Step RT qPCR Mix (UNG) Kit, Lyophilized Freeze Dried Morphology