

7G One® EnzMix

【Catalogue Number】 7G1-E81; 7G1-E81-36

【Packing Information】 4×8 tubes/kit; 36×8 tubes/kit;

【Storage】 Stored at 2-8°C for 2 years.

Stable at room temperature for 1 month in shipment.

【Description】

7G One® EnzMix is a POCT brick specially designed for "Dropper PCR", which can be easily set up a qPCR reaction with the Self-Collection Tube and 7G One® PP Mix bricks. During the use process, it does not rely on professional personnel, pipettes and any instruments. This product is a freeze-dried mixture of the hot-start PCR polymerase, UNG enzyme, reverse transcriptase, RNase inhibitor, dA/G/C/T/UTP, Mg²⁺, and lyophilized excipients in the 0.2 mL 8-Strips qPCR tube.

【Using Tips】

-Preparation of 7G One® PP Mix in a dropper bottle : The recommended final concentration is 0.4–0.8 μM for primers and 0.1 μM for probes. If detection sensitivity is insufficient, please adjust the concentrations. Add 300 μL of 4× primer-probe premix to the 4×7G One® PP Mix-IPC (S/N:IPC300) and mix thoroughly to prepare the 7G One® PP Mix.

-Preparation of template in a dropper bottle: The samples collected with TOROIVD® Self-Collection Kit ; Purified DNA/RNA with TOROIVD® Collection&Extraction Kit.

【Diagram】

7G One[®] PP Mix Self-Collection Tube



【Protocol】

- 1.Cut open the 8-strips tubes and caps of the 7G One[®] EnzMix according to the required quantity.
- 2.Remove the transparent dropper cap of the dropper bottle with the template and drop 1 drop template into the tubes directly above the tube.
- 3.Remove the transparent dropper cap of the dropper bottle with the 7G One[®] PP Mix and drop 1 drop into the tubes directly above the tube.
- 4.Please cover the tube cap and lightly flick the tube wall. Fully mix and place it in the qPCR cycler.

【Notes】

It is not recommended to use moisture absorbing tube. After opening, the remaining tubes should still be sealed in -20°C