

## Hot Start TTx (DNA) Kit

Code No. HSTTX-101

Lot No. \*\*\*\*\*

Size 250 units

Content : 4 U/  $\mu$ L Hot Start TTx DNA Polymerase 62.5  $\mu$ L  
2  $\times$  Buffer for rTth/ TTx (DNA) 1.25 mL  $\times$  2

Unit Definition : One unit is the amount of enzyme that incorporates 10 nmoles of total nucleotides into acid precipitable form in 30 minutes at 75 °C.

### Quality Control

1. Functional test : Hot Start TTx DNA Polymerase was tested for functional performance by amplifying from serially ( $4^n$ ) diluted enterovirus RNA (6250–24.4copies) in combination with 5  $\times$  Buffer for rTth/ TTx (DNA/ RNA).

The slope is as follows:

$$-3.74 \leq \text{slope} \leq -3.01$$

The correlation coefficient is as follows:

$$r \leq -0.980$$



manual

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