

Product Description

AccurSTART Reverse Transcriptase is a directional modified reverse transcriptase based on HiScript II Reverse Transcriptase (Vazyme #R201). It is suitable for high-temperature reverse transcription because of its improved thermal stability, storage stability and cDNA synthesis ability. The increased specificity makes AccurSTART Reverse Transcriptase an excellent choice for one-step RT-qPCR reactions.

Components

Components	RW201-01 (10,000 U)	RW201-02 (40,000 U)
■ 5 × AccurSTART Buffer	200 µl	800 µl
■ AccurSTART Reverse Transcriptase (200 U/µl)	50 µl	200 µl

Storage

Store at -30 ~ -15°C and transport at ≤0°C.

Applications

It is applicable for one-step RT-qPCR reactions.

Source

A recombinant *E. coli* strain carrying modified M-MLV (H-) reverse transcriptase gene.

Unit Definition

One unit (U) is defined as the amount of enzyme that incorporates 1 nmol of dTTP into acid-insoluble material in 10 min at 37°C, with Poly(rA)-Oligo (dT) as the template/primer.

Notes

For research use only. Not for use in diagnostic procedures.

1. Please keep the experiment area clean; Wear disposable gloves and masks; Use RNase-free consumables such as centrifuge tubes and pipette tips.
2. Keep RNA on ice to avoid degradation.
3. High quality RNA templates are recommended to achieve high efficiency reverse transcription.