

## Hifair™ C231P1 Thermostable Reverse Transcriptase (1200 U/μL)

### Product description

Hifair™ C231P1 Thermostable Reverse Transcriptase is an updated version of M-MLV (H-) Reverse Transcriptase obtained by genetic engineering technology. It has higher cDNA synthesis ability, thermal stability and it can tolerate the reaction temperature as high as 70°C, which is very suitable for efficient reverse transcription of RNA templates with complex secondary structure.

### Specifications

|                 |                                                                                                                                                                 |
|-----------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Cat. No.        | 14233ES12                                                                                                                                                       |
| Size            | 12,000 U                                                                                                                                                        |
| Unit Definition | One unit is defined as the amount of enzyme that will incorporate 1 nmol of dTTP into acid-insoluble material in 10 minutes at 37°C using Oligo(dT) as primers. |

### Components

| Components No. | Name                                                          | 14233ES12 |
|----------------|---------------------------------------------------------------|-----------|
| 14233          | Hifair™ C231P1 Thermostable Reverse Transcriptase (1200 U/μL) | 10 μL     |

### Storage

This product should be stored at -25~-15°C for 18 months.

### Application

This product is suitable for RT-PCR, RT-QCPR, RT-LAMP, RNA-seq, cDNA synthesis and other experiments, and the reverse transcription reaction temperature can reach up to 70°C.

### Notes

1. Please keep the experimental area clean; Clean gloves and masks should be worn during operation. All the consumables used in the experiment should be RNase free to prevent RNase contamination.
2. All procedures should be performed on ice to prevent RNA degradation.
3. High quality RNA samples are recommended to ensure high efficiency of reverse transcription.
4. This product is for research use only.
5. Please operate with lab coats and disposable gloves, for your safety.