

## High Reverse Transcriptase II

### Product Information

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|--|---|
| <b>Cat#</b>                            | ENZD-RT03   |
| <b>Specification</b>                   | 2000 U; 10000 U   |
| <b>Unit Concentration</b>              | 200 U/μl  |
| <b>Description</b>                     | Second-generation reverse transcriptase with strong heat resistance and elongation efficiency   |
| <b>Features</b>                        | <ul style="list-style-type: none"> <li>• High thermal stability: Half-life exceeds 240 min at 50°C and reaches 60 min at 55°C.</li> <li>• Strong impurity tolerance: Compared with other products, it exhibits high reverse transcription efficiency in the presence of impurities such as xylan, guanidine isothiocyanate, and CTAB.</li> <li>• Good detection sensitivity: This enzyme demonstrates high detection sensitivity under different primer systems.</li> </ul> |
| <b>Applications</b>                    | Reverse transcription; first-strand cDNA synthesis; RNA virus detection; RT-qPCR  |
| <b>Components</b>                      | 5 x High Buffer II<br>High Reverse Transcriptase II (200 U/μl)  |
| <b>Quality Control</b>                 | <ol style="list-style-type: none"> <li>1. High thermal stability</li> <li>2. Greater tolerance to impurities</li> <li>3. Higher detection sensitivity</li> </ol>  |
| <b>Shipping and Storage Conditions</b> | Store at -30 ~ -15°C, transport at ≤0°C.  |