



**Creative Enzymes**

*Diagnostic Enzymes*

## High II U+ One Step qRT-PCR Probe Kit

### Product Information

<b>Cat#</b>	ENZD-RT13
<b>Specification</b>	250 rxns ( 20 µl/rxn )
<b>Applications</b>	Virus Detection; Pathogen Detection; Gene Expression Analysis
<b>Description</b>	Uses an optimized dUTP/dNTP system and adds Heat-labile UDG, which degrades contaminating DNA at room temperature and inactivates rapidly at 50–55°C, ensuring cDNA integrity. Combines anti-contamination with high-sensitivity detection, suitable for RNA template quantitative analysis.
<b>Features</b>	<ol style="list-style-type: none"><li>1. Supports multiplex probe detection.</li><li>2. UDG anti-contamination system: Heat-labile UDG rapidly degrades U-containing double-stranded DNA contaminants at room temperature, and Heat-labile UDG quickly inactivates at 50-55°C, maintaining the integrity of cDNA.</li><li>3. High detection sensitivity: Able to detect templates with a few copies or 0.1 pg total RNA.</li></ol>
<b>Components</b>	RNase-free ddH <sub>2</sub> O 5 × One Step U+ Mix One Step U+ Enzyme Mix 50 × ROX Reference Dye 1 50 × ROX Reference Dye 2
<b>Shipping and Storage Conditions</b>	Store at -20°C in the dark

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