

LytoReady™ U+ One Step RT-qPCR Probe Kit (Glycerol-free)

Product Information

Cat#	ENZD-MDLyo05
Reaction	200 rxns; 500 rxns
Description	The LytoReady™ U+ One Step RT-qPCR Probe Kit is a glycerol-free, lyophilized reagent for detecting RNA templates, optimized for use with appropriate lyophilization protocols. Development of lyophilized reagents typically presents challenges in stability, lyophilization yield, and long-term storage. This kit overcomes these issues through optimized functional proteins, excipient selection, and lyophilization processes. By using highly stable enzymes and protectants, the kit achieves storage stability comparable to glycerol-containing reagents. Furthermore, optimized excipients and processes improve lyophilization yield and enable room-temperature storage for over a year. The kit retains the advantages of conventional reagents, including excellent multiplex amplification, specificity, and sensitivity. Its integrated dUTP/UDG system prevents contamination, ensuring accurate qPCR results.
Notes	Glycerin-free, one-step RT-qPCR premix.
Features	Excellent post-freezing stability: It can achieve long-term stability after 60 days of pressurization at 50 °C and 360 days at 25 °C. Sensitive and efficient: It has excellent amplification performance. Rapid amplification: Enables amplification in 27 minutes, improving experimental efficiency.
Components	RNase-free ddH ₂ O 5 × One Step Mix One Step Lyo-Enzyme Mix 3 × Excipient 50 × ROX Reference Dye 1 50 × ROX Reference Dye 2
Quality Control	Stable for long-term storage after freezing; Excellent amplification performance



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Shipping and Storage Conditions Store at -30 ~ -15°C, transport at ≤0°C.

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