



Creative Enzymes

Diagnostic Enzymes

EnzSmart U+ Super Multiple Probe qPCR PreMix (ONE TUBE)

Product Information

Cat#	ENZD-QM05
Specification	200 rxns 500 rxns 5000 rxns
Applications	Multiplex Quantification; Gene Expression Analysis; Diagnostic Pathogen Detection; Tumor Detection
Description	Suitable for DNA template multiplex probe qPCR amplification, supporting primer-probe premixing. Using high-specificity enzyme and optimized buffer system, it enhances the stability of the multiplex system and has an integrated dUTP/UDG anti-contamination system, effectively preventing aerosol contamination. It is provided in a 5× Mix form, which is convenient to operate.
Features	<ol style="list-style-type: none">1. Convenient and efficient use: Supports fully premixed primer-probe systems, stable performance after 37°C pressurization for 28 days and 50 cycles of freeze-thaw, reducing operational complexity and improving experimental success rates.2. High specificity: Uses dual-species antibody封闭Taq enzyme, largely avoiding non-specific amplification caused by primer-dimer interactions, maintaining a high plateau phase even in systems with 10 or more targets.3. Wide GC compatibility: Broadly compatible with systems containing 20% to 75% GC content.4. dUTP/UDG anti-contamination system: Effective at room temperature, reducing false positives and ensuring the authenticity and reliability of results.5. Large optimization space: Provides split versions for convenient system adjustment and optimization.
Quality Control	Excellent premix stability Higher specificity in multiple systems
Components	5 × Super Multiple qPCR PreMix(20 µl/run), including dNTP/dUTP Mix, Mg ²⁺ , EnzSmart DNA Polymerase, Heat-labile UDG, etc.

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**Shipping and
Storage
Conditions**

Store at -30 ~ -15°C, transport at ≤0°C

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