



UltiPrime U+ Super Multiple Probe qPCR PreMix (Low DNA)

Product Information

Cat#	ENZD-QM02
Specification	200 rxns 500 rxns
Applications	Pathogen detection; biological product testing (related to E. coli)
Description	Designed specifically for multiple amplification of low DNA templates, possessing excellent anti-contamination capabilities and high specificity amplification performance. The optimized system can improve the stability of the premix, and includes a dUTP/UDG anti-contamination system, supporting a 5× Mix format for convenient operation.
Features	<ol style="list-style-type: none">1. Low host DNA residue: No detection of 16 common pathogens such as E. coli, Pseudomonas aeruginosa, and Staphylococcus aureus NTC genomic DNA in 48 wells.2. 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.3. Good amplification efficiency: Within the linear range of 10~10⁵ copies/μl, the amplification efficiency reaches 100%.4. dUTP/UDG anti-contamination system: Effective at room temperature, reducing false positives and ensuring the authenticity and reliability of results.
Quality Control	Extremely low host DNA residue Excellent premix stability High amplification efficiency
Components	5 × Super Multiple Low DNA qPCR PreMix(20 μl/run), including dNTP/dUTP Mix, Mg ²⁺ , EnzSmart Taq HS DNA Polymerase, Heat-labile UDG, etc.
Shipping and Storage Conditions	-30 ~ -15°C storage, ≤0°C transportation