



**Creative Enzymes**

*Diagnostic Enzymes*

## UltiPrime U+ All-Powerful Multiple Probe qPCR PreMix (Low DNA)

### Product Information

<b>Cat#</b>	ENZD-QM01
<b>Specification</b>	200 rxns 500 rxns 2500 rxns
<b>Applications</b>	Pathogenic microorganism detection (bacteria, fungi, etc.); sterility testing of biological products
<b>Description</b>	Multiplex probe qPCR premix suitable for low DNA template, employing proprietary bacteria control technology to effectively reduce interference from exogenous DNA contamination. In combination with highly specific enzymes and an optimized buffer system, it enhances sensitivity and specificity, and includes an integrated dUTP/UDG anti-contamination system to ensure accurate and reliable results.
<b>Features</b>	<ol style="list-style-type: none"><li>1. Lower host DNA residue: No detection of NTC genomic DNA residues from 16 common pathogens such as E. coli, Pseudomonas aeruginosa, and Staphylococcus aureus in 48 wells.</li><li>2. Convenient and efficient use: Supports fully premixed primer-probe systems, stable performance after premixing at 37°C for 7 days, storage at 4°C for 4</li><li>3. High sensitivity: New hot-start Taq enzyme &amp; upgraded buffer system achieve highly sensitive detection, effectively reducing the rate of missed detections.</li><li>4. Supports rapid procedures: Detection can be completed within 30 minutes, effectively improving detection efficiency.</li></ol>
<b>Quality Control</b>	Extremely low host DNA residue Excellent premix stability Supports rapid amplification
<b>Components</b>	2 × All-Powerful Multiple Low DNA qPCR PreMix(20 µl/run), including dNTP/dUTP Mix, Mg <sup>2+</sup> , EnzSmart Taq HS DNA Polymerase, Heat-labile UDG, etc.
<b>Shipping and Storage</b>	Storage Conditions -30 ~ -15°C storage, ≤0°C transportation

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### **Conditions**

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