



Hot-start Geno-SNP Probe Master Mix

Product Information

Cat#	ENZD-QM08
Specification	500 rxns (20 µl/rxn)
Applications	SNP Genotyping
Description	Used for TaqMan probe-based SNP typing, equipped with high-performance Champagne Taq DNA Polymerase, improving typing accuracy and amplification success rate. It contains Heat-labile dUTP/UDG and ROX reference dye, compatible with various qPCR instruments, and is easy to operate.
Features	<ol style="list-style-type: none">1. Flexible template input: compatible with 1-10 ng of genomic input, and still performs excellently in typing results with low template input.2. Broad GC compatibility: accurate typing at SNP sites with GC content ranging from 25% to 73%.3. Excellent storage stability: Fluorescence signals are stable after PCR mix preparation for 72 hours at room temperature in the dark;4. Fluorescence signals are stable after PCR reaction for 72 hours and endpoint signal reading. Typing results are good both pre-PCR and post-PCR for 72 hours.5. Compatible with direct amplification from blood lysate: No need to extract genomic DNA from blood, SNP typing can be performed using blood lysate as the template, with typing results comparable to those using genomic DNA as the template.
Quality Control	<ol style="list-style-type: none">1. Flexible template input2. Wide GC compatibility3. Excellent storage stability4. Compatible with direct amplification from blood lysate
Components	2 × Hot-start Geno-SNP Probe Master Mix(20 µl/run), including dNTP/dUTP Mix, Mg ²⁺ , Champagne Taq DNA Polymerase, Heat-labile UDG, Specific ROX Reference Dye, etc.
Shipping and Storage	Store at -30°C -15°C in the dark.
Conditions	Store at 4°C for 3 weeks; store at 37°C for 7 days; can be frozen and thawed 30 times;



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Hot-start Geno-SNP Probe Master Mix

The prepared mixture (primers, template, reagents) can be stored at 4°C for 72 hours.

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