

## 2× Hieff Unicon™ TaqMan SNP Genotyping Master Mix

### Product Information

Product Name	Cat#	Size
	13152ES03	1 mL
2× Hieff Unicon™ TaqMan SNP Genotyping Master Mix	13152ES08	5 mL
	13152ES60	10 mL

### Product Description

2× Hieff Unicon™ TaqMan SNP Genotyping Master Mix is a fluorescent quantitative TaqMan SNP typing premix using the company's new generation antibody method to thermally initiate Taq DNA Polymerase. This product contains genetically modified hot-start Taq DNA Polymerase, which greatly improves sensitivity and specificity, and promotes the efficient amplification of low-concentration templates. This product can be used for genotyping and multiplex quantitative analysis of genes.

### Shipping and Storage

The product is shipped with ice packs and can be stored at -20°C for 2 years.

### Reaction System

Component	Volume (μL)	FinalConcentration
2×Hieff Unicon™ TaqMan SNP Genotyping Master Mix	10	1×
Primer mix (10 μmol/L)	x	0.1 μmol/L-0.5 μmol/L
Probe mix (10 μmol/L)	x	50 nmol/L-250 nmol/L
Template DNA/cDNA	1-100 ng	-
ddH <sub>2</sub> O	up to 20	-

[Note]: 1) The template amount, primer concentration and probe concentration in the above table are recommended amounts, It can be adjusted according to the specific experimental situation, and the optimal input amount and concentration can be selected.

2) Supported instruments: ABI 7500, 7500 Fast, ViiA™7, QuantStudio 3 and 5, QuantStudio 6,7,12k Flex, Stratagene MX3000P, MX3005P MX4000P.

### Amplification Protocol

Cycle step	Temperature	Time	Cycles
Initial denaturation	95°C	5 min	1
Denaturation	95°C	10 sec	45
Annealing/Extension	60°C	30 sec	

[Note]: The annealing/extension temperature can be appropriately adjusted according to the experimental requirements.

### Caution

For your safety and health, please wear lab coats and disposable gloves for operation.