

2× Hieff Unicon™ Multiplex ARMS qPCR Mix

Product Information

Product Name	Cat#	Size
2× Hieff Unicon™ Multiplex ARMS qPCR Mix	13755ES60	100 T
	13755ES80	1000 T
	13755ES92	10000 T

Product Description

The 2× Hieff Unicon™ Multiplex ARMS qPCR Mix has a strong blocking ability and can efficiently perform ARMS-PCR-mediated genotyping. The buffer and Taq enzyme are specially optimized to contain ions and dNTPs required for amplification, therefore no additions are required.

Package Information

Component Number	component	Cat#/Size		
		13755ES60 (100 T)	13755ES80 (1000 T)	13755ES92 (10000 T)
13755	2× Hieff Unicon™ Multiplex ARMS qPCR Mix	1 mL	10 mL	100 mL

Shipping and Storage

The product is shipped with ice packs and can be stored at -20°C for 1 year.

Reaction System

Component	Volume(μL)	Final Concentration
2× Hieff Unicon™ Multiplex ARMS qPCR Mix	10	1×
Primer mix (10 μmol/L)	0.2-1	0.1-0.5 μmol/L
Probe mix (10 μmol/L)	0.1-0.5	0.05-0.25 μmol/L
Template DNA	1-10 ng	-
ddH ₂ O	up to 20	-

Applicable Models

Bio-Rad: CFX96, CFX384, iCycler iQ, iQ5, MyiQ, MiniOpticon, Opticon, Opticon 2, Chromo4;

Eppendorf: Mastercycler ep realplex, realplex 2 s;

Qiagen: Corbett Rotor-Gene Q, Rotor-Gene 3000, Rotor-Gene 6000;

Roche Applied Science: LightCycler 480, LightCycler 2.0; Lightcycler 96;

Thermo Scientific: PikoReal Cycler; Cepheid: SmartCycler; Illumina: Eco qPCR.

Reference Amplification Protocol (two-step PCR)

Cycle Step	Temperature	Time	Cycles
Initial denaturation	95°C	5 min	1
Denaturation	95°C	15 sec	40
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.