

HIFI Multiplex RT-PCR Master Mix (DNA PCR) RT-PCR RNA RT-PCR DNA

HIFI Multiplex RT-PCR Master Mix	1 mL × 1	10 mL × 1	10 mL × 5

-15 ~-25

-15 ~-25

4 30

DNA/RNA

5 μM

Primer mix

1.1

1.2

HIFI Multiplex RT-PCR Master Mix (2X)	10 μL	1X
Primer mix (5 μM each)	1 μL	250 nM each primer ^[1]
Template DNA/RNA	X μL	-
Nuclease-free water	20 μL	n/a

[1]

Hold	20 min	55
Hold	1 min	95
20~32 Cycles	15 sec	98
	30 sec	60
	30 sec	72
Hold	2 min	72
Hold	∞	4

1.

2. DNA

3.

DNA

	DNA	RNA
cDNA	GDS RNA First Strand Synthesis Module	K020-A/24 rxns K020-B/96 rxns
cDNA	GDS Directional RNA Second Strand Synthesis Module	K021-A/24 rxns K021-B/96 rxns
cDNA	GDS Non-Directional RNA Second Strand Synthesis Module	K022-A/20 rxns K022-B/100 rxns

+	GDS Fragmentation & End Prep Module	K023-A/24 rxns
		K023-B/96 rxns
	GDS dsDNA Fragmentase	K024-A/50 rxns
		K024-B/250 rxns
	GDS End Preparation Module	K025-A/24 rxns
		K025-B/96 rxns
	GDS Ligation Module	K026-A/24 rxns
		K026-B/96 rxns
	HIFI Library PCR Master Mix	K007-A/40 rxns
		K007-B/400 rxns
		K007-C/2000 rxns
	GDSPure DNA Selection Magbeads	NC1011/5 mL
		NC1012/60 mL
		NC1013/450 mL