

2X One Step RT-PCR Mix

RP1001B

50 rxns

Component	RP1001B (50 rxns, 50 µl/rxn)
2X RT-PCR Reaction Mix ^[1]	1.25 ml
RT-PCR Enzyme Mix ^[2]	125 µl
RNase-free ddH ₂ O	1 ml

[1]

dNTPs

[2]

RNase

Hotstart Taq DNA

DNase

-15 ~ -25

2X One Step RT-PCR Mix

RNA

+

PCR

GSP

PCR

2

GSP

RNA

DNase

DNA

DNase

cDNA

1.
- 1.1
- 10%

2X One Step RT-PCR Mix	25 µl	1X
RT-PCR Enzyme Mix	2.5 µl	-
(10 µM)	2 µl	0.4 µM
(10 µM)	2 µl	0.4 µM
RNA		1 pg-1 µg
RNase-free ddH ₂ O		-
	50 µl	-

1.2

2. RT-PCR

2 kb				

	1	1	50°C ¹	30 min
	2	1	95°C	2 min
	3	30~35	95°C	30 sec
			55~68°C ²	30 sec
			72°C	0.5 min/kb
	4	1	72°C	5~10 min

2 kb				
	1	1	50°C ¹	30 min
	2	1	95°C	2 min
	3	30~35	95°C	30 sec
			55~68°C ²	60 sec
			72°C	1 min/kb
	4	1	72°C	5~10 min

1. 48 55