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For research use only.

One Step SYBR Green RT-PCR Mix

PCR

		/
EQ007-01	20 μ l x 100rxn	-20C°/
EQ007-02	20 μ l x 500rxn	-20C°/

SybrGreen Real Time One Step RT-PCR
 Real Time RT-PCR PCR
 PCR RNA Taq DNA
 Real Time One Step RT-PCR ROX PCR
 ROX PCR

	EQ007-1	EQ007-2
2xOne Step RT-PCR Mix SYBR Green	1ml	1.25 mlx4
RT-PCR Enzyme Mix	150 μ l	750 μ l
50xROXDye	250 μ l	1.25 ml
RNase-free ddH2O	1 ml	1.25 mlx4
	1 copy	1 copy

1. PCR
2. RNA
3. PCR 8 96 PCR ()
- 4.
5. Real Time PCR

- 1.
- (1).



qq

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(2). 50%

(3).

2 PCR

3

4

5.

(

1. PCR

2

PCR

	μL		
2xOne Step RT-PCR Mix	10	25	1 x
RT-PCR Enzyme Mix	1.5	3.75	
PCR Forward Primer (10 μM)	0.4	1	0.2 μM
PCR Reverse Primer (10 μM)	0.4	1	0.2 μM
RNA	Total RNA 1 pg-1 μg		
*50x ROXDye ()	0.4	1	1x
RNase-free ddH2O	to 20	to 50	—

*

“



100



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	1x	50	15 min
	1x	95	30 sec
	35-40x	95	5 sec
/		60	30 sec
(Melt Curve)			

	1x	50	15 min
	1x	95	30 sec
	35-40x	95	5 sec
		50-60	30 sec
		72	30 sec
(Melt Curve)			

%

; 7

&

) a] b

&

Ha

1.

CT

2. PCR

100



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1. CT
 - a. RNA -20
 - b. -80
 - c.
 - d. RT-PCR Enzyme Mix

2.
 - a. PCR PCR
 - b. DNA PCR
 - c. PCR PCR
 - d.

3.
 - a. ROX Reference Dye
ROX Reference Dye
 - b. PCR
 - c.

4.
 - a. -20
 - b. PCR

5.
 - a.
 - b. RNA PCR 10 100-1000 c.
 - d. S PCR