



■ 试剂盒组成、储存、稳定性

	20 (ZC206-1)	60 (ZC206-2)
ZTOPO-T Vector 30ng/μl	10μl	3× 10μl
877bp Control TA 50ng/μl	5μl	5μl
10× TOPO Buffer	10μl	3× 10μl
1× PCR MasterMix M13	1ml	3× 1ml

20 8

■ 产品介绍

	" 3'-A "	" DNA "	TA	TOPO DNA
1.			100%	
2.	Topoisomerase	5min		
3.	10kb	6kb	90%	
4.	Topo			

■ 操作步骤

1.

1) PCR " A" PCR

Taq DNA

2)

DNA DNA

3)

1:1~1:10 1:3~1:7

(5μl )

bp	ng	ng/μl
100-1000	10-50	>5
1000-2000	50-100	>10
2000-5000	100-200	>15

2) (5μl)

1) 20 -30

"A" DNA/ 1μl 877bp control	0.5-4μl
ZTOPO-T Vector	0.5μl
10× TOPO Buffer	0.5μl
	Xμl
Final Volume	5μl

2) 20 -30 5

5

20

1-2

3) -20

### 3.

1) 50μl 30

2) 42 60 2-3

3) 250-500μl LB SOC ( ) 37 180rpm 30-60

4) 150-250μl (100μg/ml) 37 12-

16h 4000rpm, 1min 100-200μl

### 4.

5kb 1-2

1) PCR

(1) 10μl

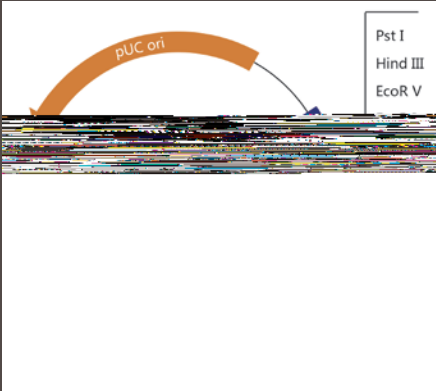
(2) 1μl 20μl PCR MasterMix

- (3) PCR
- 94 10min
- 94 30sec
- 55 30sec } 30 cycles
- 72 x min\*
- 72 5-10min \* 4kb/min

EcoR I/EcoR V

- 2)
- 3) M13F/M13R

ZTOPO-T载体图谱



ZTOPO-T载体测序引物序列

M13F: TGTAACGACGGCCAGT

M13R: CAGGAAACAGCTATGACC

1 " M13 "

M13 M13

2 PstI 9 HindIII 624 ScaI 2475

3

ZTOPO-T载体多克隆位点序列

