



90

serum, plasma, tissue homogenates, cell lysates, cell culture supernates and other biological fluids

0.055 ng/mL

0.16-10 ng/mL

	48T	96T	
Pre-coated Microplate	6 8	x 8	4°C/-20°C
Standard (lyophilized)	1	2	4°C/-20°C
Standard/Sample Diluent Buffer	10 mL	20 mL	4°C/-20°C
Biotinylate			
x			



	Instruction Manual	1	1	
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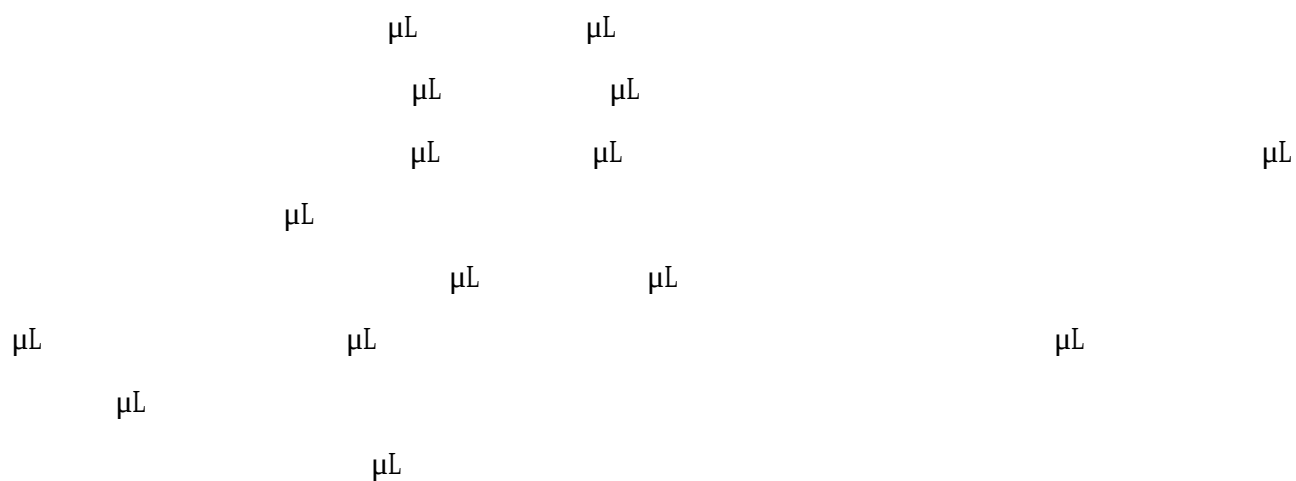
-
- | | | | | |
|---|-----|-------|-------|---|
| * | 4°C | 1 | 1 | |
| | HRP | -20°C | 4°C | 6 |
| * | 4°C | 6 | -20°C | 1 |

- | | | |
|--|-------|-----|
| | -20°C | 4°C |
|--|-------|-----|

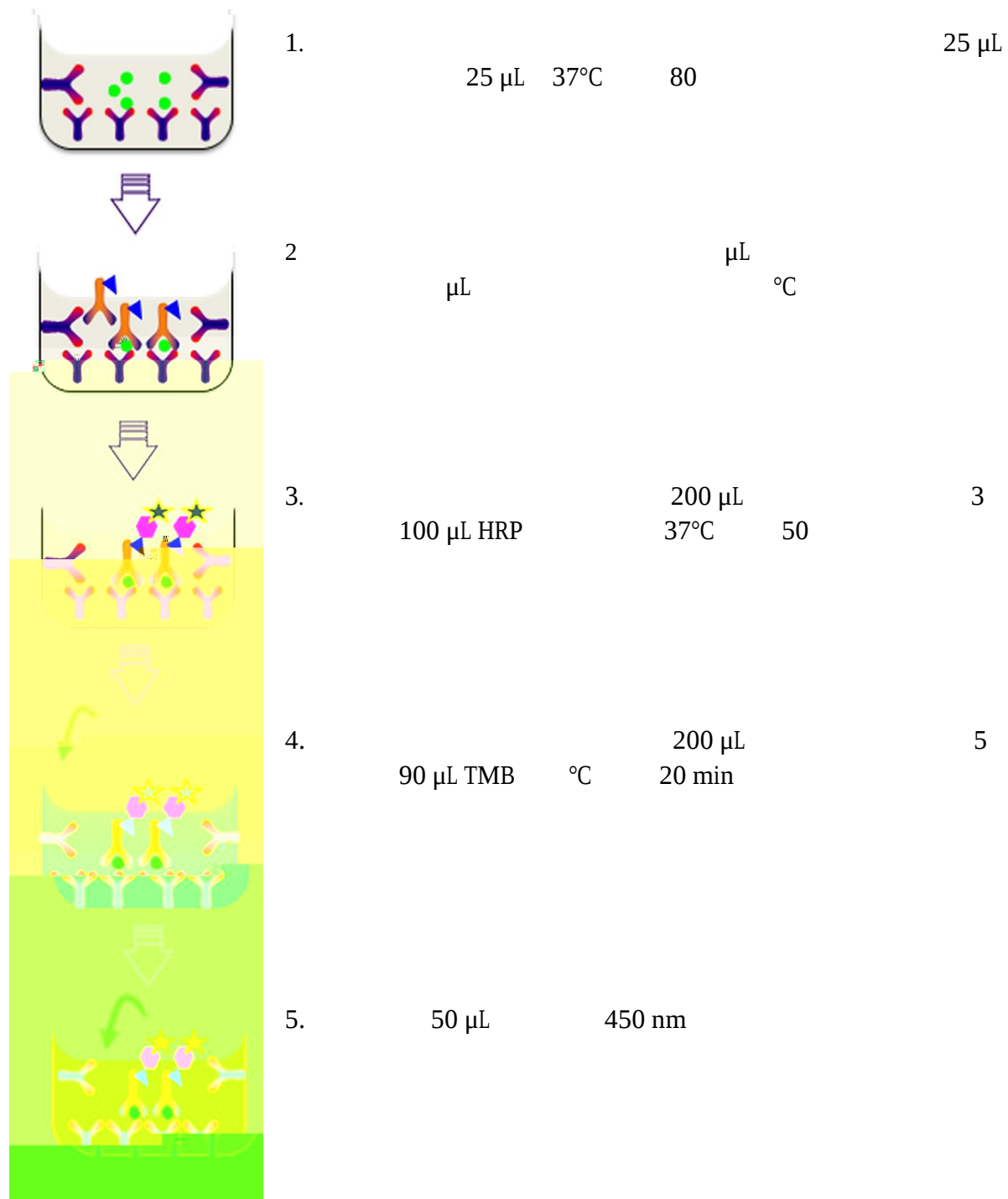
- -
 -
 -
 -
 -
-
- 450 nm
 -
 -
 -
 - EP 0.5-10 μL 2-20 μL 20-200 μL 200-1000 μL
 -



1. 2 4°C 1000×g 20
-20°C -80°C
2. 30 2-8°C 1000×g 15
EDTA-Na₂ -20° -80°
3. PBS 0.01M pH7.0-7.2
PBS 1:9
PBS 1%
2
5000×g 5-10
BC016 BCA
4. 1000×g 20
-20°C -80°C
5. 24 2000×g 15
-20°C
6. 2-8°C, 1000×g 15
-20°C
7. 1000×g 20
- 1.
2. 1 4°C
-20°C 1 -80°C 3-6



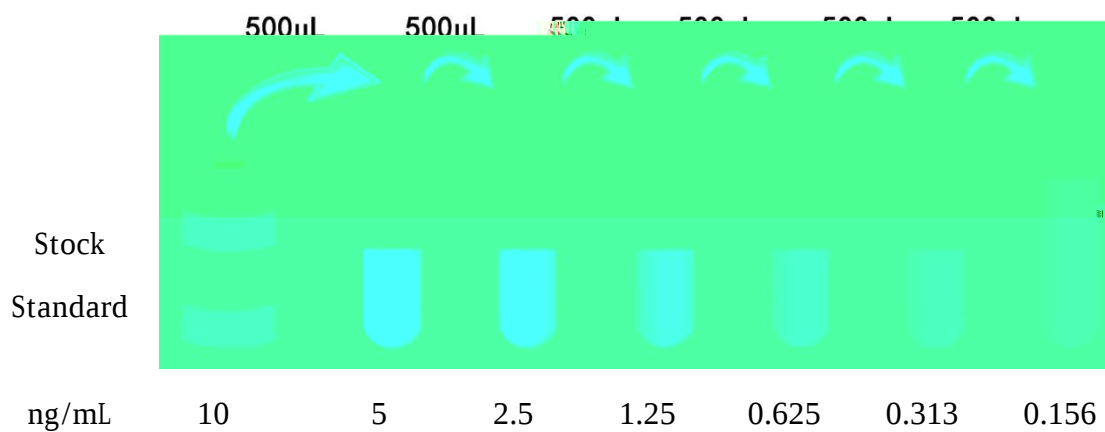
1. / (Original solution)
- 2.





- 30
- 25× 1× 4°C
- & 1.0 mL 10
- 10 ng/mL 10 ng/mL 5 ng/mL 2.5
- ng/mL 1.25 ng/mL 0.625 ng/mL 0.313 ng/mL 0.156 ng/mL 0 ng/mL

15



- 100-200 μL 15 100 μL/ 1:100
- 1 μL 99 μL

- 100 μL/ 100-200
- μL 15 HRP 1:100
- 1 μL 99 μL

- TMB



- 1.
2.
1000×g 1 4-5
3.
40°C
4.
10
- 5.
6.
TMB TMB
- 7.
- 8.
- 9.
- 10.



- 1.
2. 25 μ L
- 37°C 80
3. 3 200 μ L 1-2
4. 100 μ L 15 37°C 50
5. 3 200 μ L 1-2
6. 100 μ L 15 37°C 50
7. 5 200 μ L 1-2
8. TMB 90 μ L 37°C 20
- 30
9. 50 μ L
10. 450 nm OD



1. OD OD
- 2.



CV%<8%

20

CV%<10%

40

(n=5)	84-92%	88%
EDTA (n=5)	89-116%	103%
heparin (n=5)	87-114%	101%

	1:2	1:4	1:8	1:16
(n=5)	84-100%	81-107%	95-118%	82-91%
EDTA (n=5)	87-96%	82-114%	93-102%	82-99%
heparin (n=5)	81-107%	83-88%	83-94%	85-119%



A

Q&A B. U. B.







		200 μL/





1. , ,
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2. ,
- 3.
- 4.
5. ELK Biotechnology
6. 6

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