



Serum, plasma

0.04 pg/mL

3.13-200 pg/mL

		48T	96T	
	Pre-coated Microplate	6 x 8	12 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
×	Biotinylated Antibody (100×)	60 μL	120 μL	4°C/-20°C
	Biotinylated Antibody Diluent	6 mL	12 mL	4°C/-20°C
×	Streptavidin-HRP (100×)	60 μL	120 μL	4°C/-20°C
	HRP Diluent	6 mL	12 mL	4°C/-20°C
×	Wash Buffer (25×)	10 mL	20 mL	4°C/-20°C
	TMB Substrate Solution	6 mL	10 mL	4°C/-20°C(
	Stop Reagent	3 mL	6 mL	4°C/-20°C
	Plate Covers	1	2	
	Instruction Manual	1	1	



- 1.
2. * 4°C 1 1
- HRP -20°C 4°C 6
- * 4°C 6 -20°C 1

3. -20°C 4°C

- 4.
- 5.
- 6.

1. 450 nm
- 2.
- 3.
- 4.
5. EP 0.5-10 μL 2-20 μL 20-200 μL 200-1000 μL
- 6.



	MIP1a	96
MIP1a	MIP1a	MIP1a
MIP1a	MIP1a	
HRP	TMB	TMB
		MIP1a
450 nm	OD	

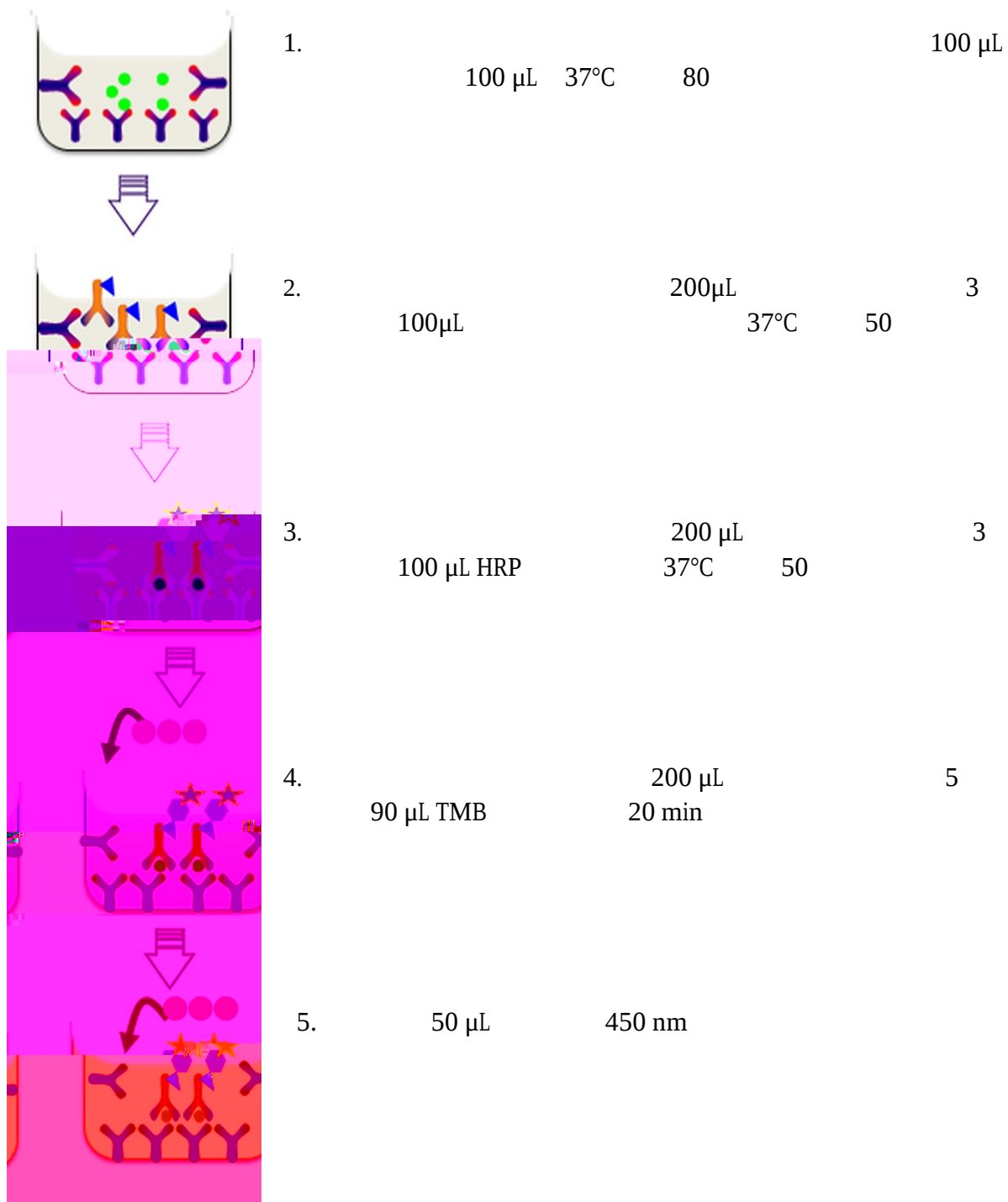


1. 2 4°C 1000×g 20
-20°C -80°C
2. 30 2-8°C 1000×g 15
EDTA-Na₂ -20° -80°
3. PBS 0.01M pH7.0-7.2
PBS 1:9
PBS 1%
2
5000×g 5-10
BC016 BCA
4. 1000×g 20
-20°C -80°C
5. 24 2000×g 15
-20°C
6. 2-8°C, 1000×g 15
-20°C
7. 1000×g 20
- 1.
2. 1 4°C
-20°C 1 -80°C 3-6



μL

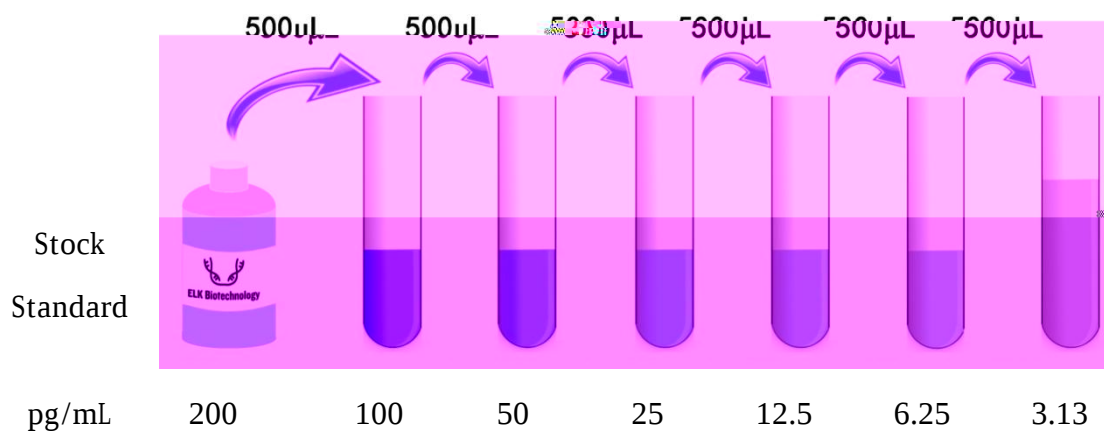
μL





1. 30
2. 25× 1× 4°C
3. & 1.0 mL 10
200 pg/mL 200 pg/mL 100 pg/mL
50 pg/mL 25 pg/mL 12.5 pg/mL 6.25 pg/mL 3.13 pg/mL 0 pg/mL

15



4. 100-200 μL 15 100 μL/ 1:100
1 μL 99 μL

5. 100 μL/ 100-200
μL 15 HRP 1:100
1 μL 99 μL

6. TMB



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



- 1.
2. 100 μ L
- 37 $^{\circ}$ C 80
3. 3 200 μ L 1-2
4. 100 μ L 15 37 $^{\circ}$ C 50
5. 3 200 μ L 1-2
6. 100 μ L 15 37 $^{\circ}$ C 50
7. 5 200 μ L 1-2
8. TMB 90 μ L 37 $^{\circ}$ C 20
- 30
9. 50 μ L
10. 450 nm OD



1. OD OD
 2. OD OD
- X Y

OD

OD

curve expert

200	2.379	2.292
100	1.609	1.522
50	1.251	1.164
25	0.818	0.731
12.5	0.582	0.495
6.25	0.357	0.27
3.13	0.235	0.148
0	0.087	0.000



CV%<8%

20

CV%<10%

40

(n=5)	90-103%	97%
EDTA (n=5)	95-106%	101%
heparin (n=5)	87-95%	91%

	1:2	1:4	1:8	1:16
(n=5)	79-88%	80-89%	93-105%	89-102%
EDTA (n=5)	81-90%	79-85%	92-98%	92-98%
heparin (n=5)	83-90%	88-99%	78-85%	91-98%











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