



ELK2320

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

6.2 pg/mL

15.63-1000 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
x	Biotinylated Antibody (100×)	60 µL	120 µL	4°C/-20°C
	Biotinylated Antibody Diluent	6 mL	12 mL	4°C/-20°C
x	Streptavidin-HRP (100×)	60 µL	120 µL	4°C/-20°C
	HRP Diluent	6 mL	12 mL	4°C/-20°C
x	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	



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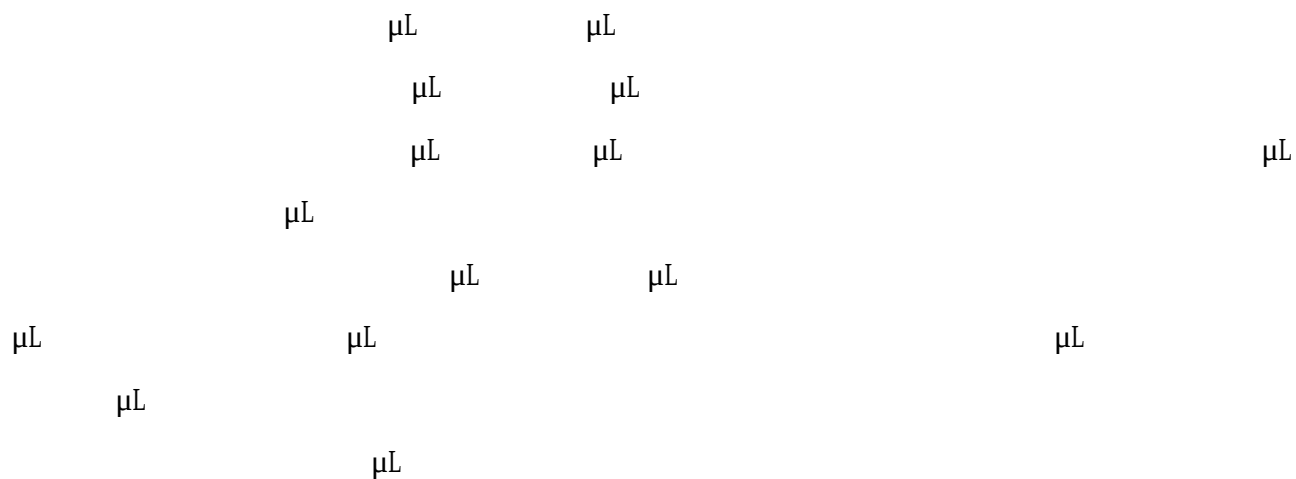


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1. 2 4°C 1000×g 20
-20°C -80°C
2. 30 2-8°C 1000×g 15
EDTA-Na₂ -20° -80°
3. PBS 0.01M pH7.0-7.2
PBS 1:9
PBS 1%
2
5000×g 5-10
BC016 BCA
4. 1000×g 20
-20°C -80°C
5. 24 2000×g 15
-20°C
6. 2-8°C, 1000×g 15
-20°C
7. 1000×g 20
- 1.
2. 1 4°C
-20°C 1 -80°C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



1. / (Original solution-1:2)
- 2.



1. 100 μ L 37°C 80 100 μ L

2





- 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°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



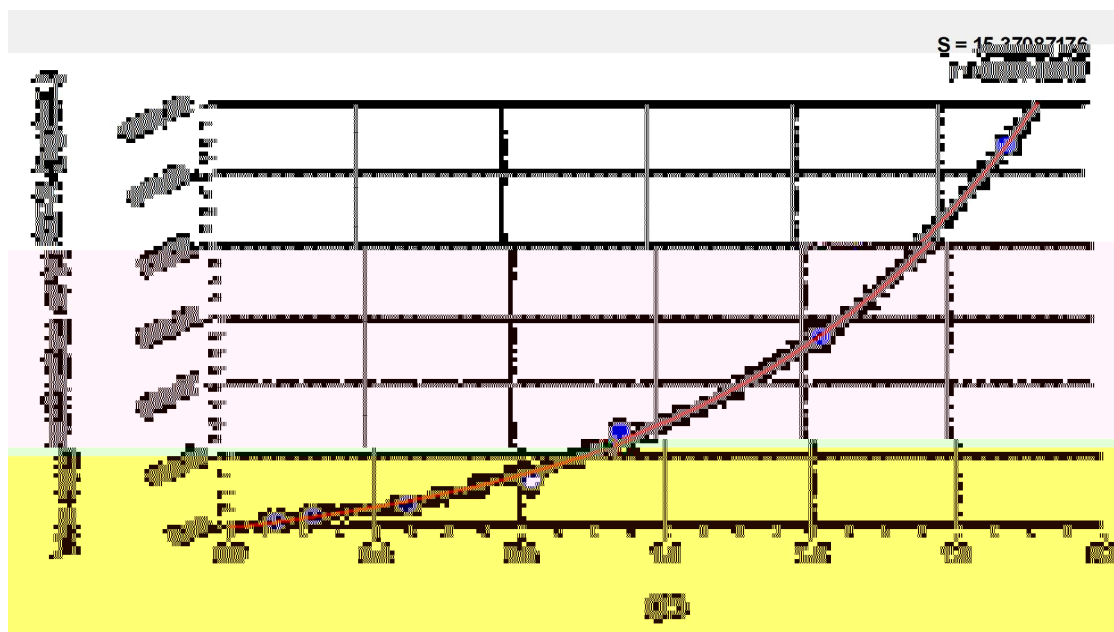
1. OD OD
 2. OD OD
- X Y

OD

OD

curve expert

Concentration (pg/mL)	OD	Corrected OD
1000	2.157	2.06
500	1.655	1.558
250	1.133	1.036
125	0.878	0.781
62.5	0.557	0.46
31.25	0.312	0.215
15.63	0.216	0.119
0	0.097	0.000



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CV%<8%

20

CV%<10%

40

(n=5)	83-97%	90%
EDTA (n=5)	87-95%	91%
heparin (n=5)	81-95%	88%

	1:2	1:4	1:8	1:16
(n=5)	83-92%	91-96%	85-93%	95-101%
EDTA (n=5)	81-93%	86-98%	91-103%	82-95%
heparin (n=5)	87-95%	85-98%	82-97%	92-101%



ELISA









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5. ELK Biotechnology
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