



Serum, plasma, cell culture supernates and other biological fluids

8.95 pg/mL

31.25-2000 pg/mL

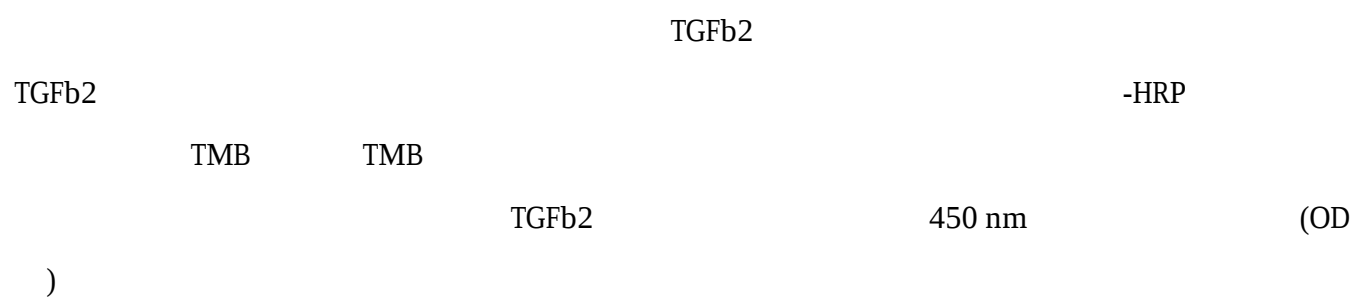
		48T	96T	
	Pre-coated Microplate	6 × 8	12 × 8	4°C/-20°C
	Standard (lyophilized)	1	2	4°C/-20°C
	Standard/Sample Diluent Buffer	10 mL	20 mL	4°C/-20°C
100×	Biotinylated-Conjugate (100×)	30 µL	60 µL	4°C/-20°C
	Biotinylated Conjugate Diluent	5 mL	10 mL	4°C/-20°C
×	Streptavidin-HRP (100×)	60 µL	120 µL	4°C/-20°C
	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	

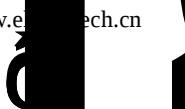


- 1.
2. * 4°C 1 1
- HRP -20°C 4°C 6
- * 4°C 6 -20°C 1

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.







μL

 μL μL μL

μL

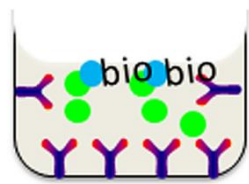
μL

 μL μL μL μL

5.

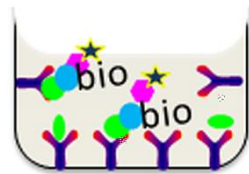
 μL

6.



1.
50 μ L

50 μ L 50 μ L
37°C 60 min

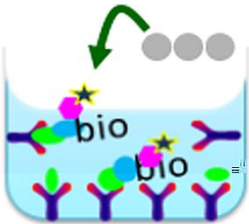


2.

100 μ L HRP

200 μ L
37°C 60

3

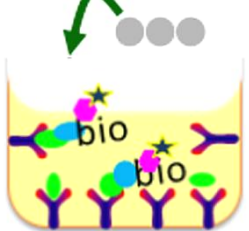


3.

90 μ L TMB 37°C

200 μ L
20

5



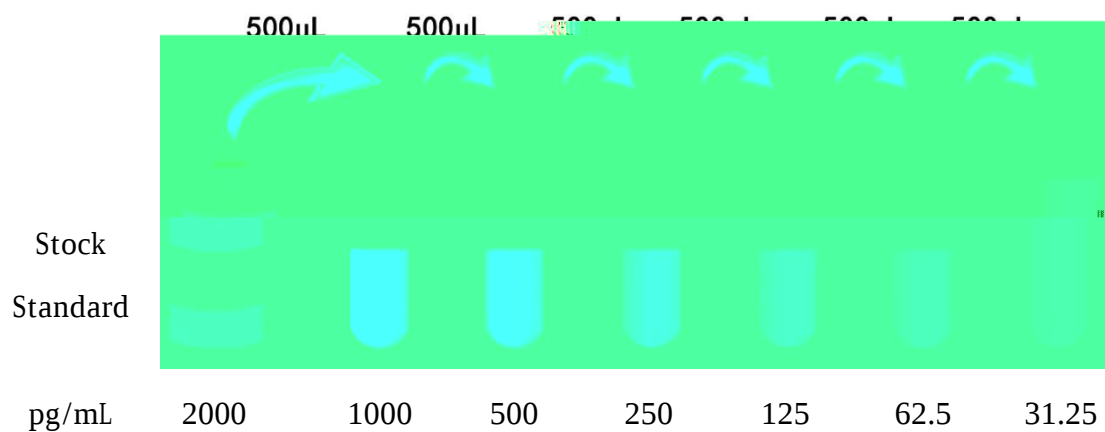
4.

50 μ L

450 nm



1. 30
2. 25× 1× 4°C
3. & 1.0 mL 10
2000 pg/mL 2000 pg/mL 1000 pg/mL
500 pg/mL 250 pg/mL 125 pg/mL 62.5 pg/mL 31.25 pg/mL 0 pg/mL
15



4. (1x)
(50 μL) 0.1-0.2 mL 10 μL
990 μL
5. - (1x)
(100 μL) 0.1-0.2
mL 10 μL 990 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. 50 μ L
(1 x) 50 μ L
37°C 1
- 3.
4. 1 3 (1 x) 200 μ L 1-2
5. -HRP(1 x) 100 μ L 37°C 1
6. 5 (1 x) 200 μ L 1-2
7. TMB 90 μ L 37°C 20
30
8. 50 μ L
9. 450 nm (OD) 5
10. *



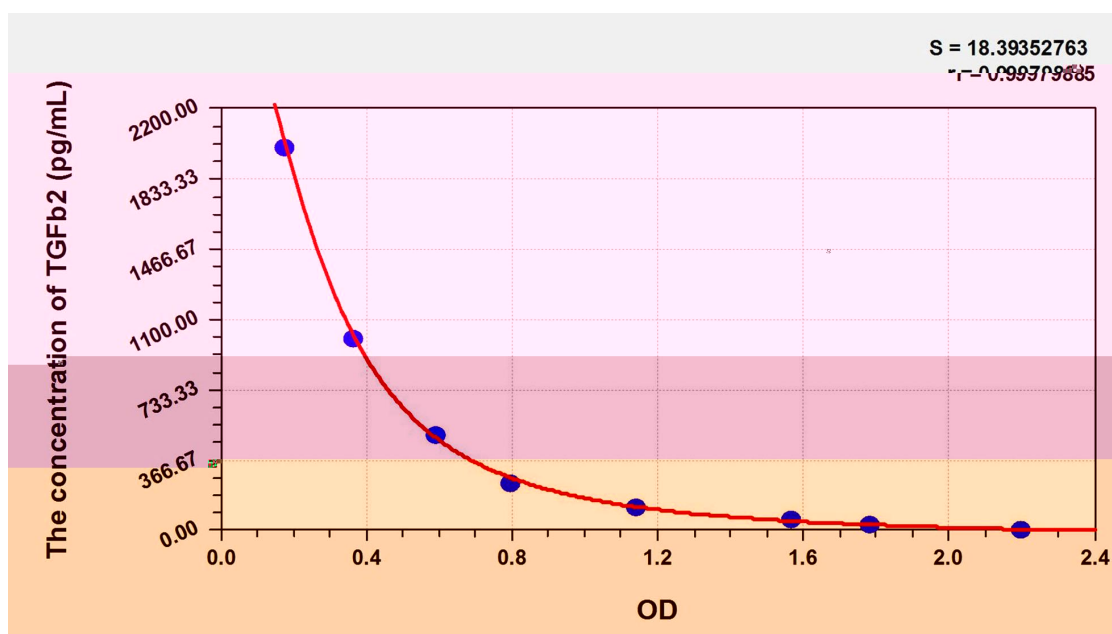
1. OD
 2. OD OD OD
- X Y

OD

OD

curve expert

2000	0.197
1000	0.385
500	0.611
250	0.812
125	1.157
62.5	1.583
31.25	1.796
0	2.213





CV%<8%

20

CV%<10%

40

(n=5)	80-96%	88%
EDTA (n=5)	82-98%	90%
heparin (n=5)	84-98%	96%

	1:2	1:4	1:8	1:16
(n=5)	82-93%	96-105%	83-95%	88-103%
EDTA (n=5)	95-103%	88-96%	81-95%	91-102%
heparin (n=5)	86-93%	85-98%	89-102%	85-98%







		200 μL/





- 1.
- 2.
- 3.
- 4.
- 5.
- 6.
- 7.
- 8.

ELK Biotechnology

6

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