



(FGF2)

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

6.1 pg/mL

15.63-1000 pg/mL

	48T		96T		4°
	6	x	12	x	
Pre-coated Microplate	8		8		



ELK Biotechnology



000%



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. $\frac{1}{2}$ (Original solution)
2. $\frac{1}{4}$



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



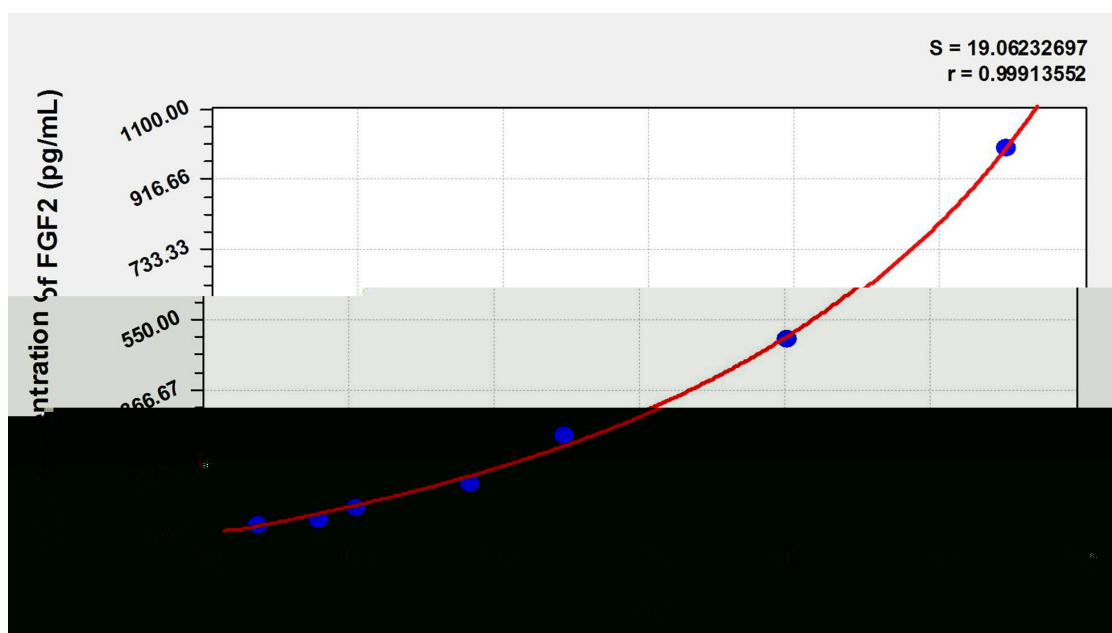
1. OD OD
 2. OD OD
- X Y

OD

OD

curve expert

pg/mL		
1000	2.204	2.106
500	1.647	1.549
250	1.035	0.937
125	0.782	0.684
62.5	0.479	0.381
31.25	0.384	0.286
15.63	0.221	0.123
0	0.098	0.000





CV%<8%

20

CV%<10%

40

(n=5)	87-99%	93%
EDTA (n=5)	83-99%	95%
heparin (n=5)	80-96%	88%

	1:2	1:4	1:8	1:16
(n=5)	86-96%	93-104%	89-97%	85-94%
EDTA (n=5)	85-92%	97-103%	87-98%	95-102%
heparin (n=5)	98-103%	86-92%	87-93%	93-102%



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

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