



15(FGF15)

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

6 pg/mL

15.63-1000 pg/mL

FGF15

		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
100×	Biotinylated Antibody (100			



ELK Biotechnology

ΕΛΕΥΘΕΡΟ



		FGF15	96	
FGF15		FGF15		FGF15
	FGF15		FGF15	
	HRP		TMB	TMB
				FGF15
	450 nm	(OD)		

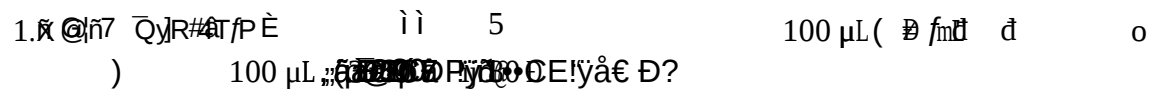


1. 2 4°C 1000×g 20
-20°C -80°C
2. 30 2-8°C 1000×g 15
EDTA-Na₂ -20°C -80°C
3. PBS 0.01M pH7.0-7.2
PBS 1:9
PBS 1%
2
5000×g 5-10
BC016 BCA
4. 1000×g 20
-20°C -80°C
5. 24 2000×g 15
-20°C
6. 2-8°C, 1000×g 15
-20°C
7. 1000×g 20
- 1.
2. 1 4°C
-20°C 1 -80°C 3-6



1. 50 5 μ L 245 μ L & 50
2. 100 5 μ L 495 μ L & 100
3. 1000 5 μ L 95 μ L & 20 5 μ L
- 20 245 μ L & 50 1000
4. 100000 5 μ L 195 μ L & 40
- 5 μ L 40 245 μ L & 50 5 μ L 2000
- 245 μ L & 50 100000
5. 3 μ L 100
6. PBS &

1. / (Original solution)
- 2.



Tel:027-59760950





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

- 1.
- 2.
- 3.



- 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



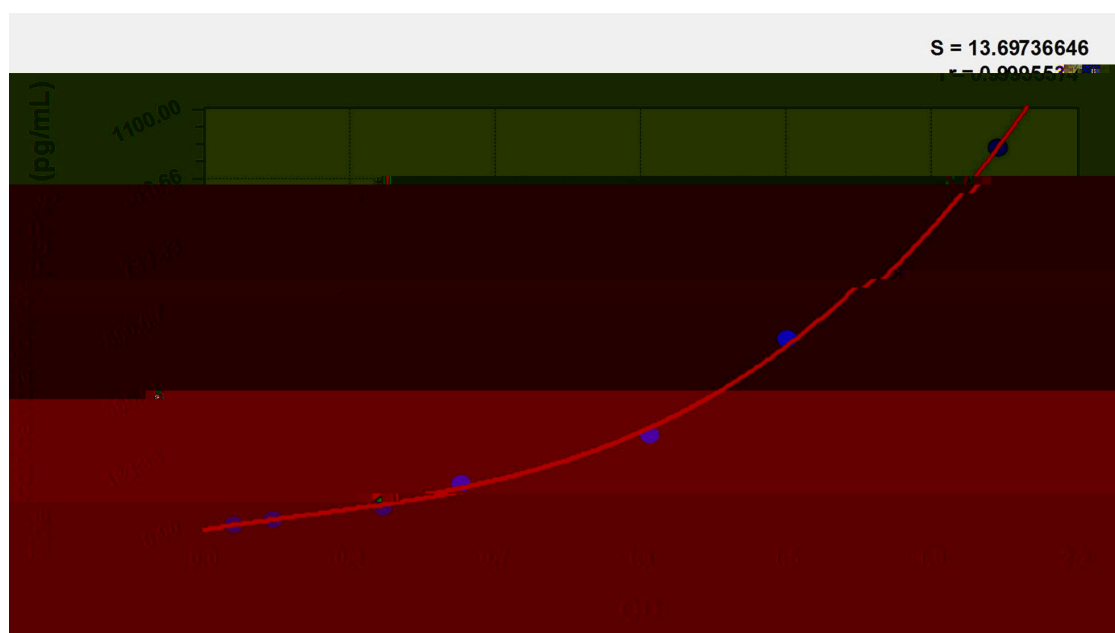
1. OD OD
 2. OD OD
- X Y

OD

OD

curve expert

pg/mL		
1000	2.121	2.032
500	1.631	1.542
250	1.277	1.188
125	0.797	0.708
62.5	0.547	0.458
31.25	0.265	0.176
15.63	0.165	0.076
0	0.089	0.000





●

() : CV% < 8%
 1 20
 () : CV% < 10%
 3 40

●

FGF15

(n=5)	78-92%	85%
EDTA (n=5)	78-96%	87%
heparin (n=5)	80-95%	87%

●

FGF15 2 4 8 16

	1:2	1:4	1:8	1:16
(n=5)	85-94%	87-101%	89-99%	85-95%
EDTA (n=5)	92-101%	87-98%	85-92%	79-96%
heparin (n=5)	87-94%	85-96%	89-100%	85-96%



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	Avidin-HRP	
		,
		TMB 450nm , 650nm

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	NaN ₃ ,	NaN ₃
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,		TMB 450nm , 650nm



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5. ELK Biotechnology
6. 6

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