



ELK

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

12.8 pg/mL

31.25-2000 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	



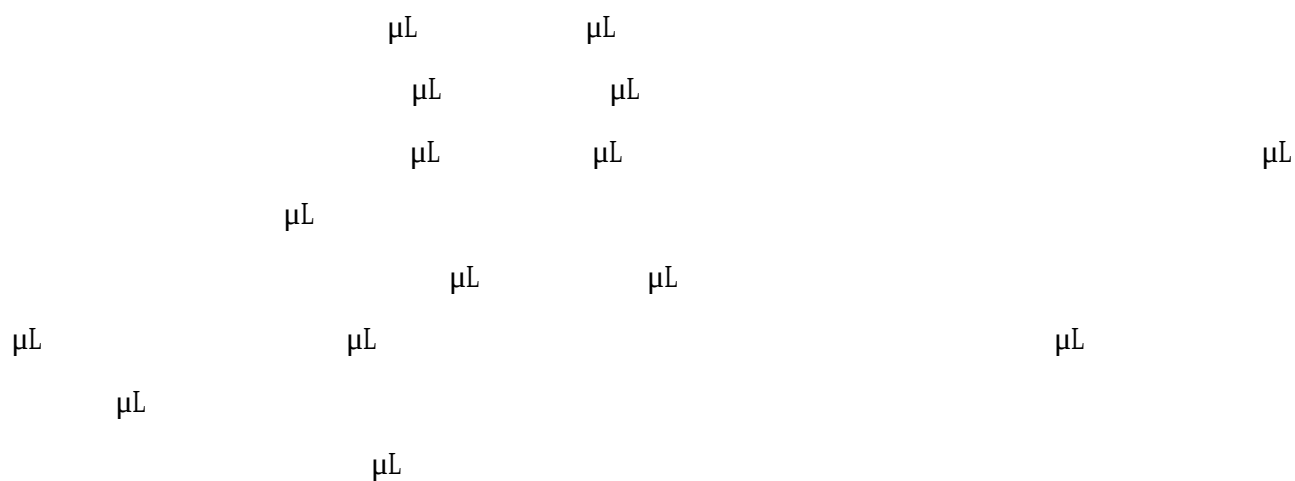
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		PDGFBB	96	
PDGFBB		PDGFBB		PDGFBB
	PDGFBB		PDGFBB	
	HRP		TMB	TMB
				PDGFBB
	450 nm	OD		



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



1. / (Original solution)
- 2.



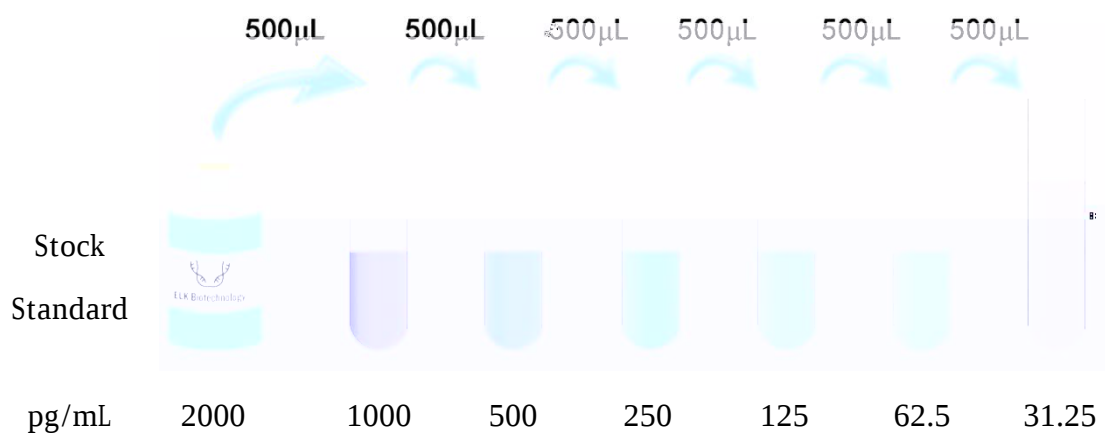
1.

100 μ L	37°C	80	100 μ L
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- 2.



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. 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°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



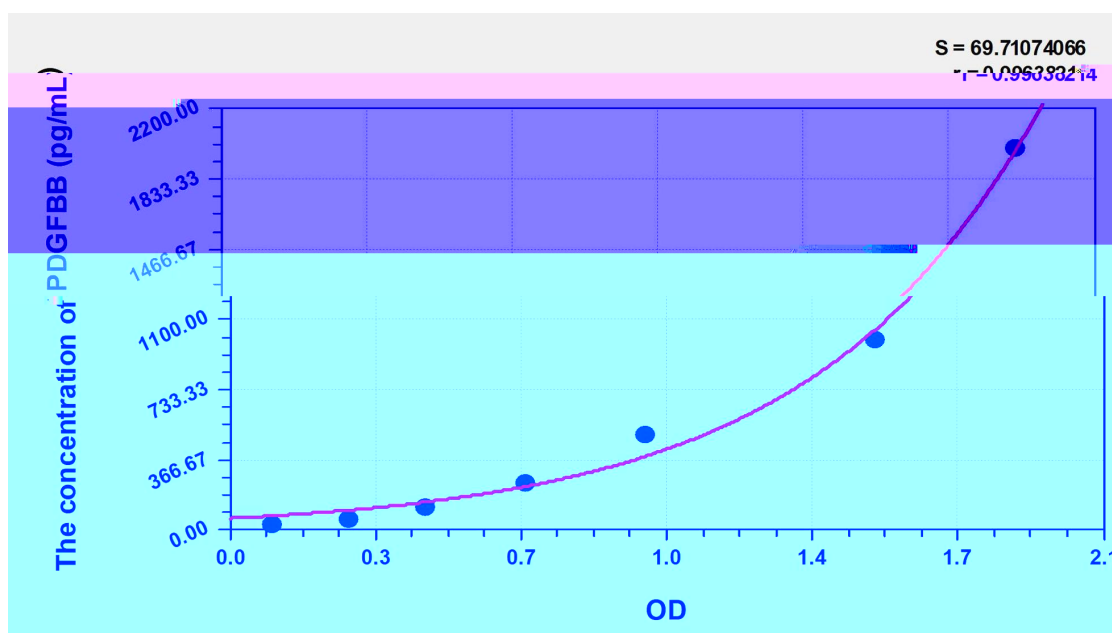
1. OD OD
 2. OD OD
- X Y

OD

OD

curve expert

C	c	a	pg/mL	OD	C	c	OD
		2000		1.963			1.878
		1000		1.611			1.526
		500		1.067			0.982
		250		0.782			0.697
		125		0.548			0.463
		62.5		0.365			0.28
		31.25		0.187			0.102
		0		0.085			0.000





CV%<8%

20

CV%<10%

40

(n=5)	85-97%	91%
EDTA (n=5)	83-99%	95%
heparin (n=5)	85-97%	91%

	1:2	1:4	1:8	1:16
(n=5)	92-104%	82-96%	95-102%	87-98%
EDTA (n=5)	78-92%	79-93%	94-106%	83-97%
heparin (n=5)	80-92%	86-102%	87-103%	85-101%



ELISA

α

β γ δ ε ζ η θ ι κ λ μ ν ξ ο π ρ σ τ υ φ χ ψ ω

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