



Serum, plasma and other biological fluids.

31 pg/mL

78.13-5000 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	



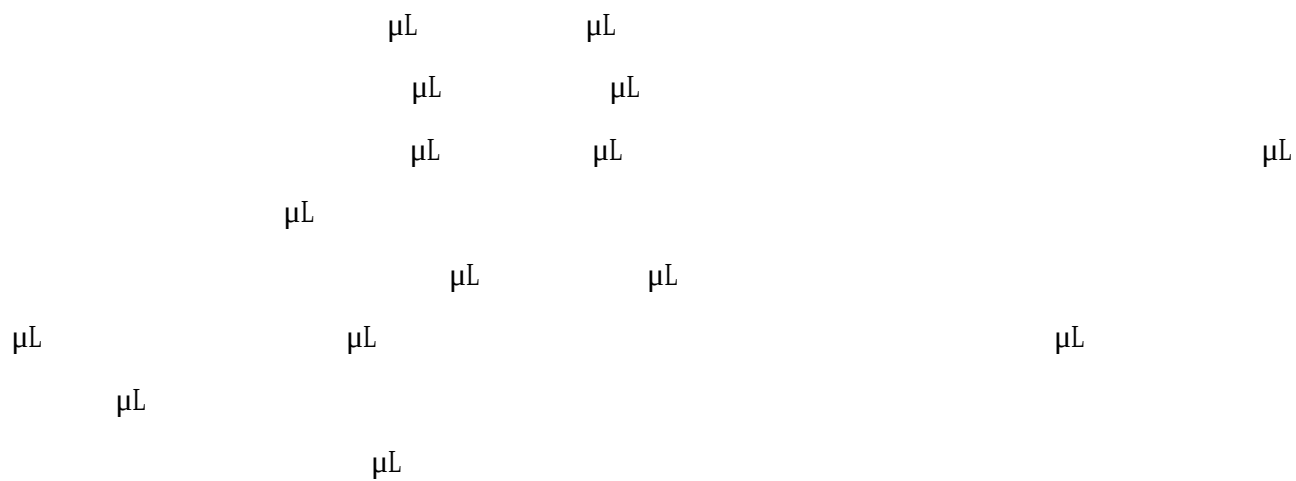
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		PDGFA	96	
PDGFA		PDGFA		PDGFA
	PDGFA		PDGFA	
	HRP		TMB	TMB
				PDGFA
	450 nm	OD		



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.



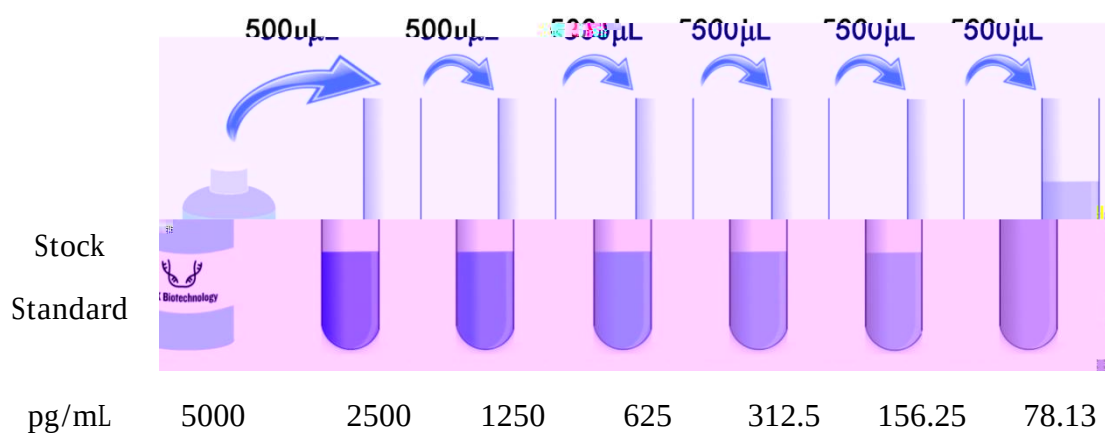
E

1. B 7 7 p # a y 100 µL 37°C • 2 g 100 µL.

3 0



1. 30
2. 25× 1× 4°C
3. & 1.0 mL 10
5000 pg/mL 5000 pg/mL 2500 pg/mL
1250 pg/mL 625 pg/mL 312.5 pg/mL 156.25 pg/mL 78.13 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



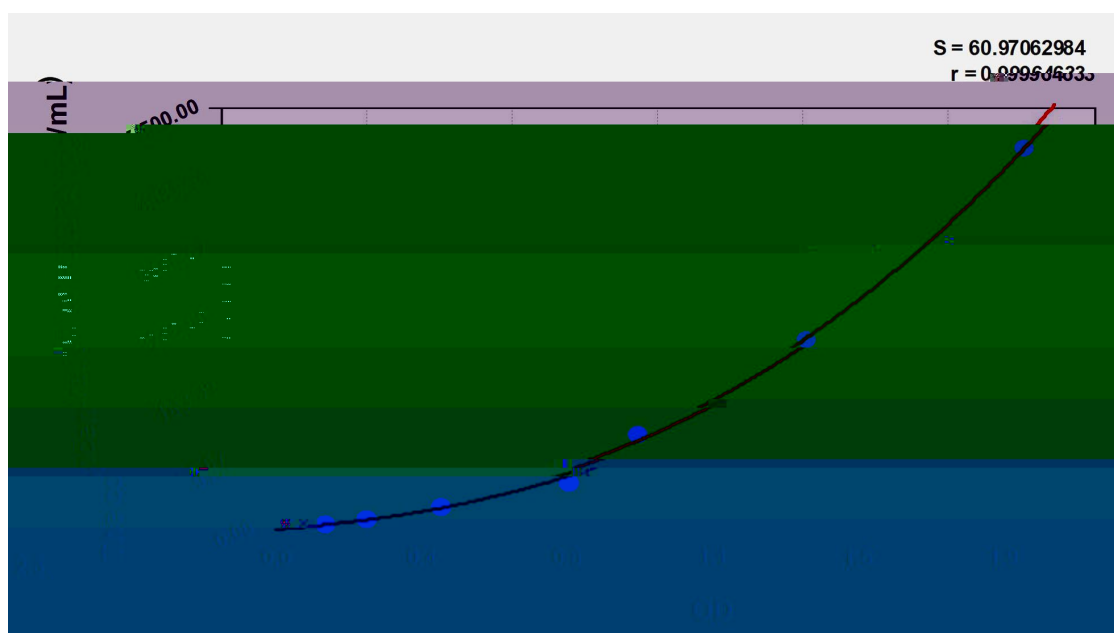
1. OD OD
 2. OD OD
- X Y

OD

OD

curve expert

pg/mL		
5000	2.172	2.077
2500	1.602	1.507
1250	1.113	1.018
625	0.863	0.768
312.5	0.529	0.434
156.25	0.336	0.241
78.13	0.228	0.133
0	0.095	0.000





CV%<8%

20

CV%<10%

40

(n=5)	88-99%	93%
EDTA (n=5)	80-97%	88%
heparin (n=5)	82-95%	88%

	1:2	1:4	1:8	1:16
(n=5)	95-104%	93-105%	82-101%	91-103%
EDTA (n=5)	83-95%	88-102%	85-97%	80-92%
heparin (n=5)	83-97%	81-103%	89-101%	81-98%







		200 μL/





1. , ,
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2. ,
- 3.
- 4.
5. ELK Biotechnology
6. 6

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