



(LNGFR)

Serum, plasma, tissue homogenates and other biological fluids

0.058 ng/mL

0.16-10 ng/mL

LNGFR

		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×)	60 μL	120 μL	4°C/-20°C
	Biotinylated Antibody Diluent	6 mL	12 mL	4°C/-20°C
HRP 100×	Streptavidin-HRP (100×)	60 μL	120 μL	4°C/-20°C
	HRP Diluent	6 mL	12 mL	4°C/-20°C
25×	Wash Buffer (25×)	10 mL	20 mL	4°C/-20°C
TMB	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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		LNGFR	96	
LNGFR		LNGFR		LNGFR
	LNGFR		LNGFR	
	HRP		TMB	TMB
				LNGFR
	450 nm	(OD)		

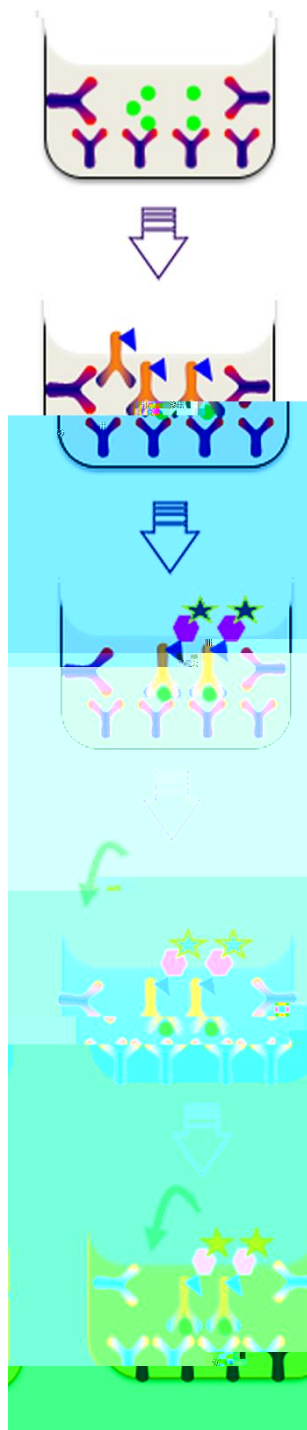


1. 2 4°C 1000×g 20
-20°C -80°C
2. 30 2-8°C 1000×g 15
EDTA-Na₂ -20°C -80°C
3. PBS 0.01M pH7.0-7.2
PBS 1:9
PBS 1%
2
5000×g 5-10
BC016 BCA
4. 1000×g 20
-20°C -80°C
5. 24 2000×g 15
-20°C
6. 2-8°C, 1000×g 15
-20°C
7. 1000×g 20
- 1.
2. 1 4°C
-20°C 1 -80°C 3-6



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.

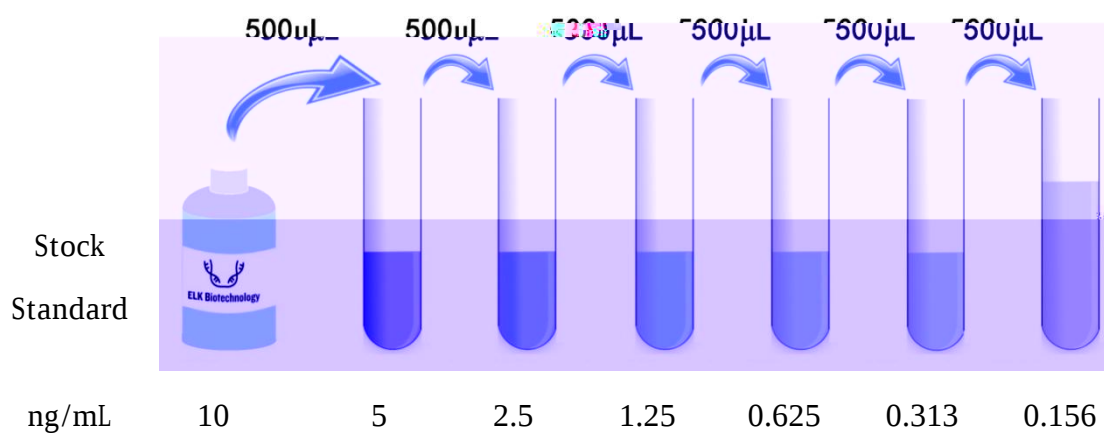


1.) 25 μ L, 37°C 80 25 μ L (
2. 100 μ L 200 μ L 37°C 50 3
3. 100 μ L HRP 200 μ L 37°C 50 3
4. 90 μ L TMB, 37°C 200 μ L 20 min 5
5. 50 μ L 450 nm



- 30
- 25× 1× 4°C
- & 1.0 mL 10
- 10 ng/mL 10 ng/mL 5 ng/mL 2.5
- ng/mL 1.25 ng/mL 0.625 ng/mL 0.313 ng/mL 0.156 ng/mL 0 ng/mL

15



- 100-200 μL 15 100 μL/ 1:100
- 1 μL 99 μL

- 100 μL/ 100-200
- μL 15 HRP 1:100
- 1 μL 99 μL

- TMB —



- 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. 25 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



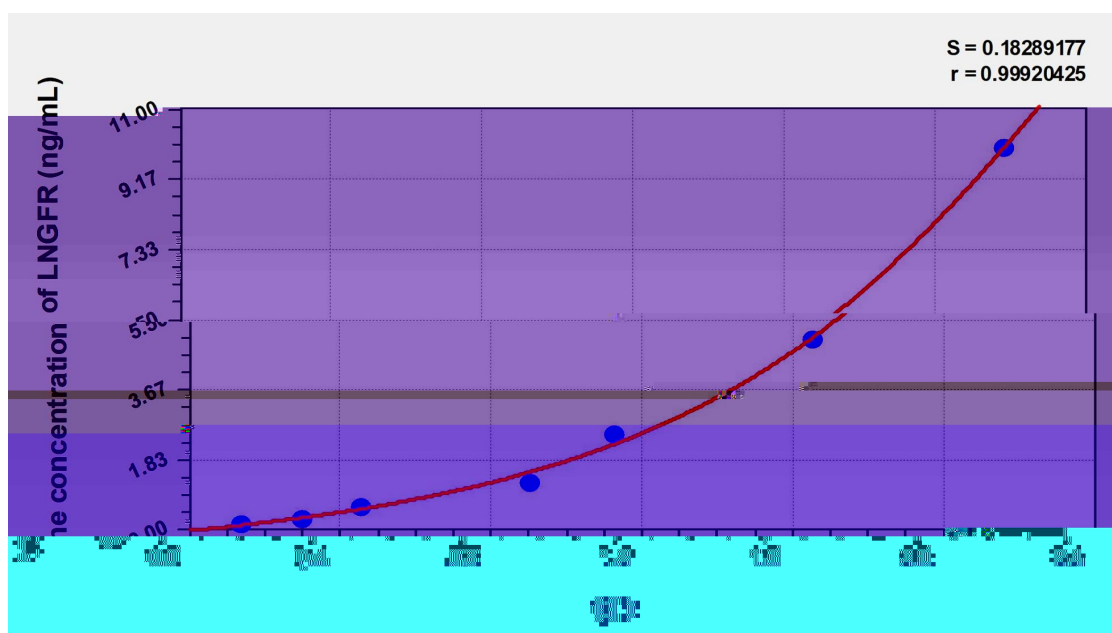
1. OD OD
 2. OD OD
- X Y

OD

OD

curve expert

ng/mL		
10	2.237	2.141
5	1.716	1.62
2.5	1.204	1.108
1.25	0.98	0.884
0.625	0.544	0.448
0.313	0.389	0.293
0.156	0.229	0.133
0	0.096	0.000





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	Avidin-HRP	
		TMB450nm650nm

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		15-30min
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	NaN_3 ,	NaN_3
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,		TMB 450nm , 650nm



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

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