



β (TGFbR2)

E **K7556**

Tissue homogenates, cell lysates and other biological fluids

0.126 ng/mL

0.32-20 ng/mL

TGFbR2

		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			



LLK Biotechnology



			TGFbR2	96	
	TGFbR2		TGFbR2		TGFbR2
		TGFbR2		TGFbR2	
		HRP		TMB	TMB
TGFbR2		450 nm		(OD)	

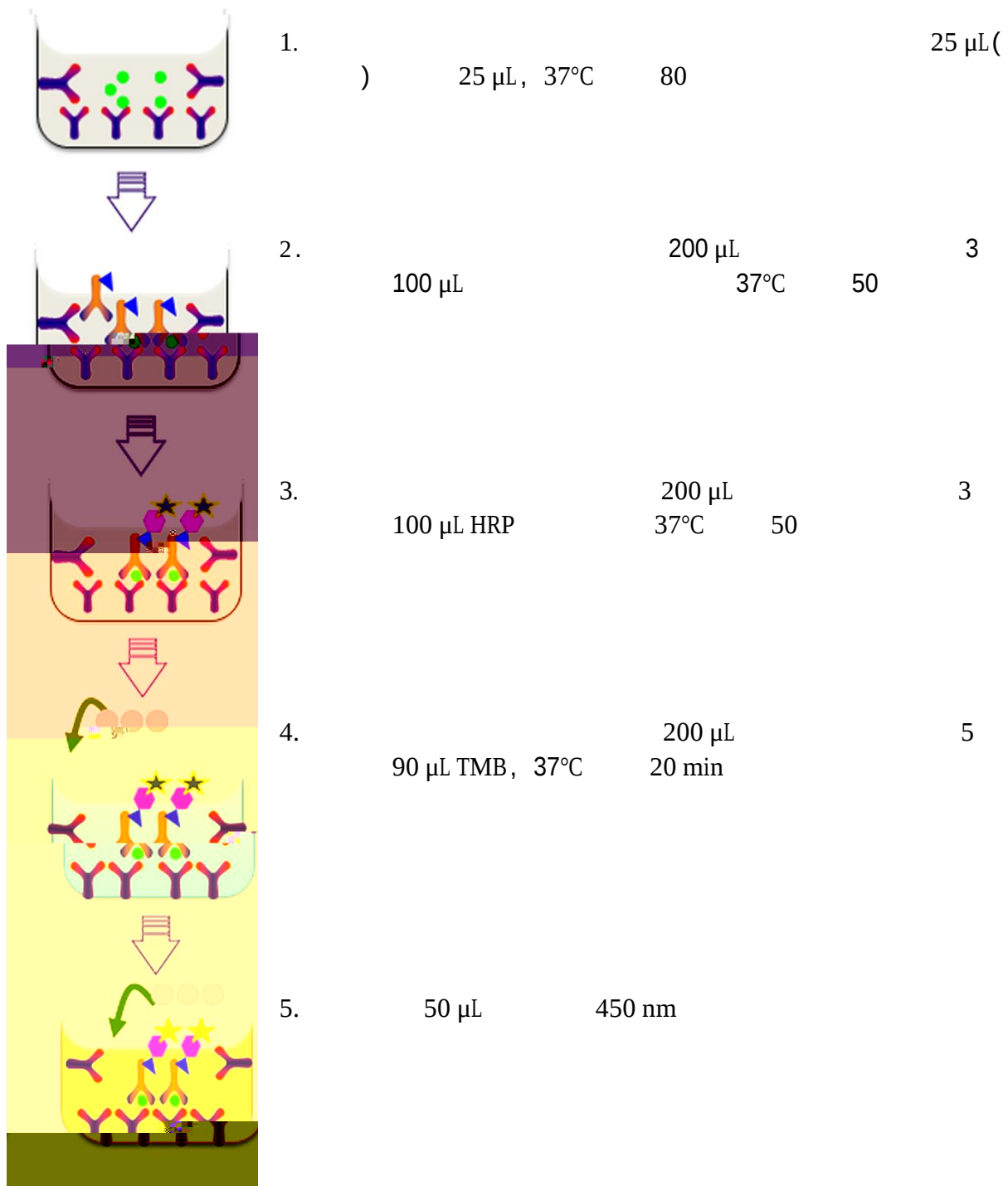


1. 2 4°C 1000×g 20
-20°C -80°C
2. 30 2-8°C 1000×g 15
EDTA-Na₂ -20°C -80°C
3. PBS 0.01M pH7.0-7.2
PBS 1:9
PBS 1%
2
5000×g 5-10
BC016 BCA
4. 1000×g 20
-20°C -80°C
5. 24 2000×g 15
-20°C
6. 2-8°C, 1000×g 15
-20°C
7. 1000×g 20
- 1.
2. 1 4°C
-20°C 1 -80°C 3-6



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. 30
2. 25× 1× 4°C
3. & 1.0 mL 10

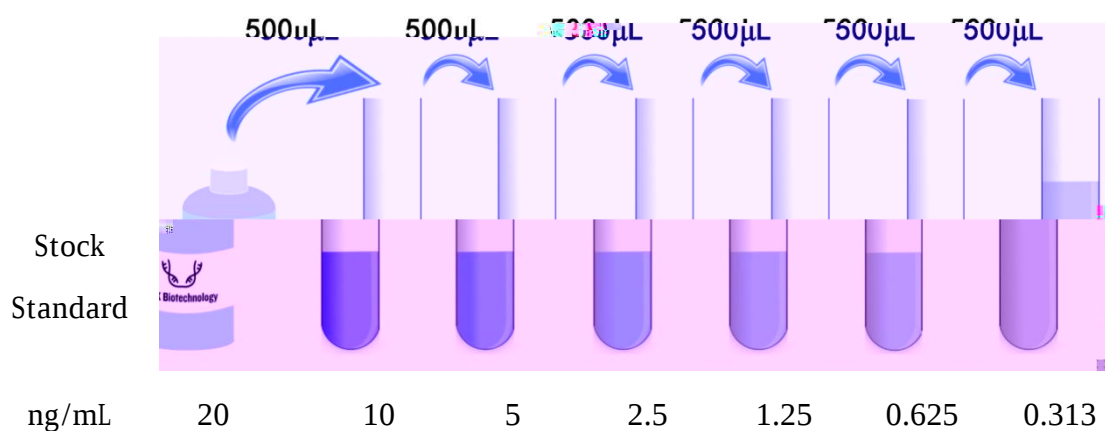
20 ng/mL

20 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 ng/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
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3.

	40℃	
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4.

	10	
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- 5.
6.

TMB		TMB
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- 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



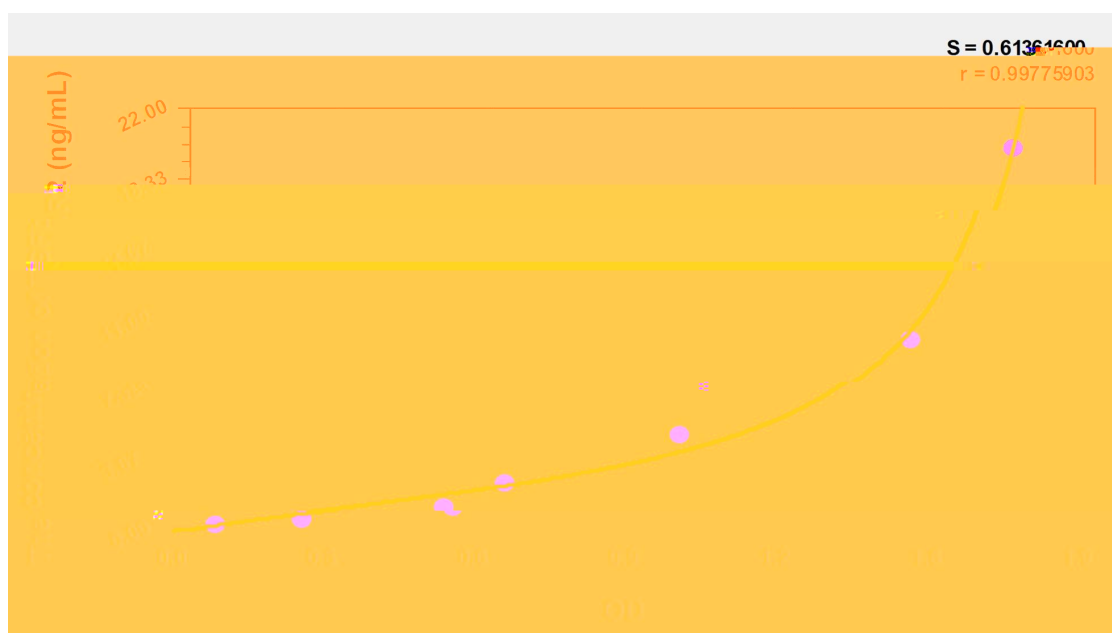
1. OD OD
 2. OD OD
- X Y

OD

OD

curve expert

Concentration (ng/mL)	OD	Corrected OD
20	1.781	1.7
10	1.607	1.526
5	1.148	1.067
2.5	0.787	0.706
1.25	0.663	0.582
0.625	0.351	0.27
0.313	0.171	0.09
0	0.081	0.000



:



●

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

●

TGFbR2

(n=5)	84-90%	87%
EDTA (n=5)	80-92%	86%
heparin (n=5)	90-116%	103%

●

TGFbR2 2 4 8 16

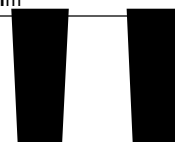
	1:2	1:4	1:8	1:16
(n=5)	94-114%	81-101%	83-111%	93-115%
EDTA (n=5)	89-101%	86-102%	94-102%	83-91%
heparin (n=5)	93-100%	93-110%	84-91%	86-108%



EIA

/

	Avidin-HRP	
		TMB 450nm 650nm





		30min
		15-30min
		PH
		(
	NaN ₃	NaN ₃
		TMB 450nm 650nm



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

027-59760950

elkbio@elkbiotech.cn

