



Serum, plasma, tissue homogenates and other biological fluids.

6 pg/mL

15.63-1000 pg/mL

HGFAC

		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	



ELK Biotechnology



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

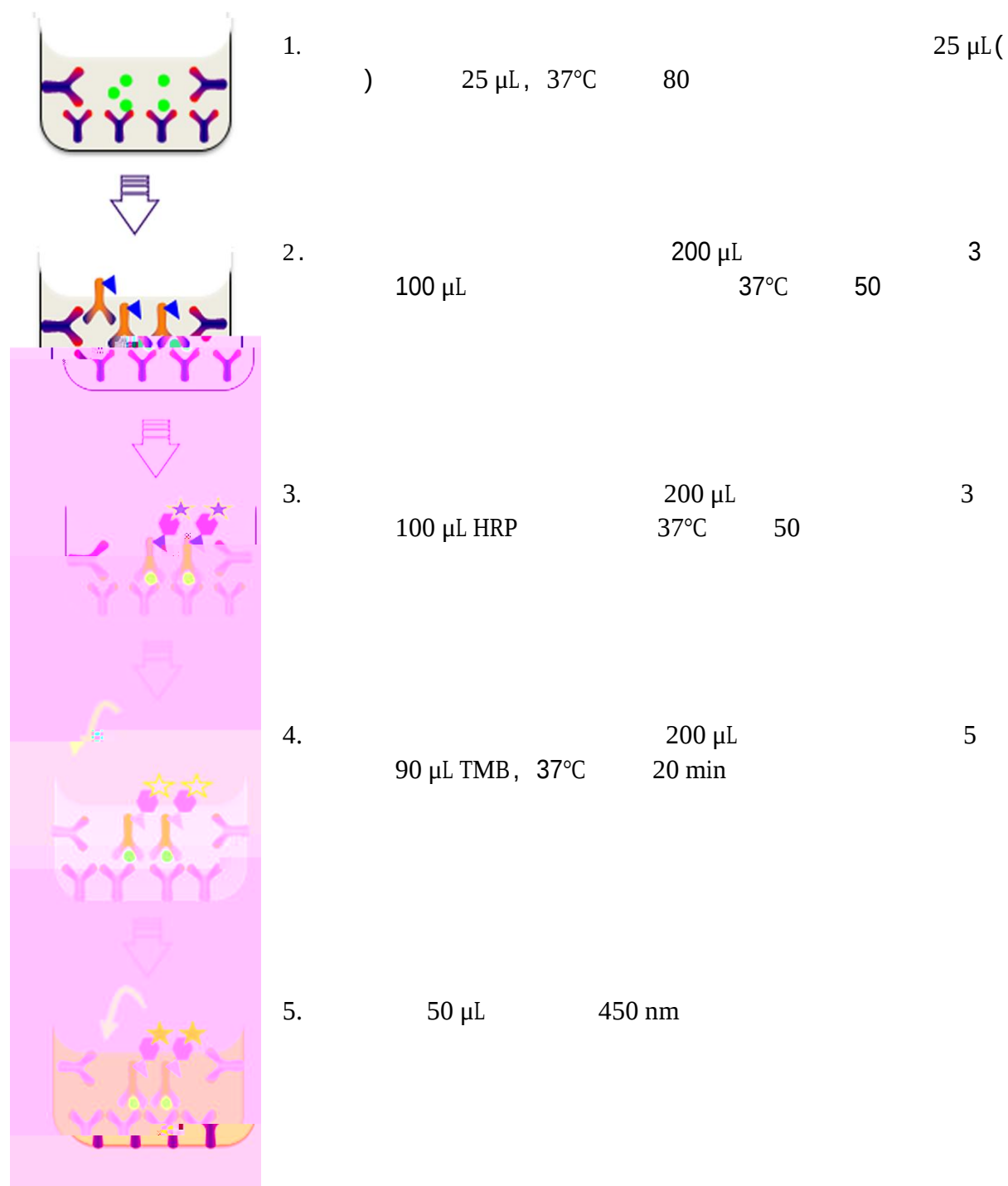


1. 2 4°C 1000×g 20
-20°C -80°C
2. 30 2-8°C 1000×g 15
EDTA-Na₂ -20°C -80°C
3. PBS 0.01M pH7.0-7.2
PBS 1:9
PBS 1%
2
5000×g 5-10
BC016 BCA
4. 1000×g 20
-20°C -80°C
5. 24 2000×g 15
-20°C
6. 2-8°C, 1000×g 15
-20°C
7. 1000×g 20
- 1.
2. 1 4°C
-20°C 1 -80°C 3-6



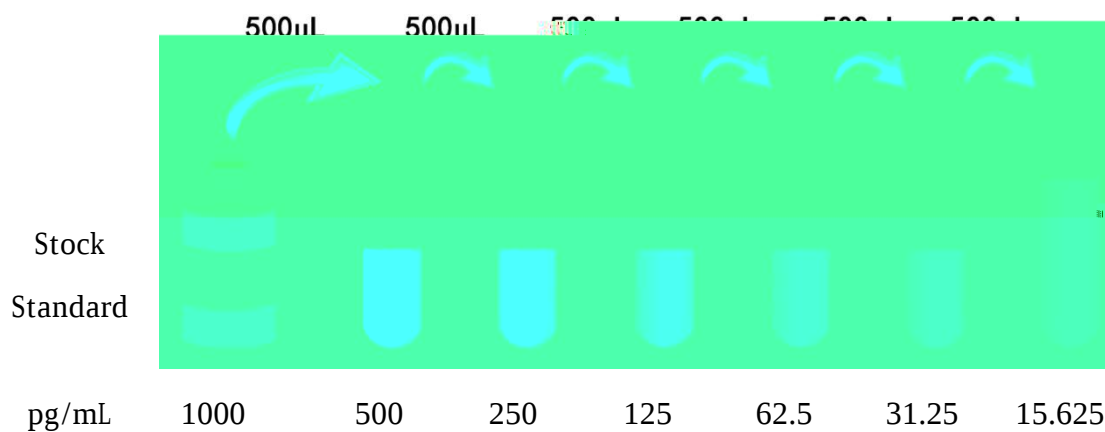
1. 50 5 μ L 245 μ L & 50
2. 100 5 μ L 495 μ L & 100
3. 1000 5 μ L 95 μ L & 20 5 μ L
20 245 μ L & 50 1000
4. 100000 5 μ L 195 μ L & 40
5 μ L 40 245 μ L & 50 5 μ L 2000
245 μ L & 50 100000
5. 3 μ L 100
6. PBS &

1. / (Original solution)
- 2.





1. 30
2. 25× 1× 4°C
3. & 1.0 mL 10
1000 pg/mL 1000 pg/mL 500 pg/mL
250 pg/mL 125 pg/mL 62.5 pg/mL 31.25 pg/mL 15.625 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.
- 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



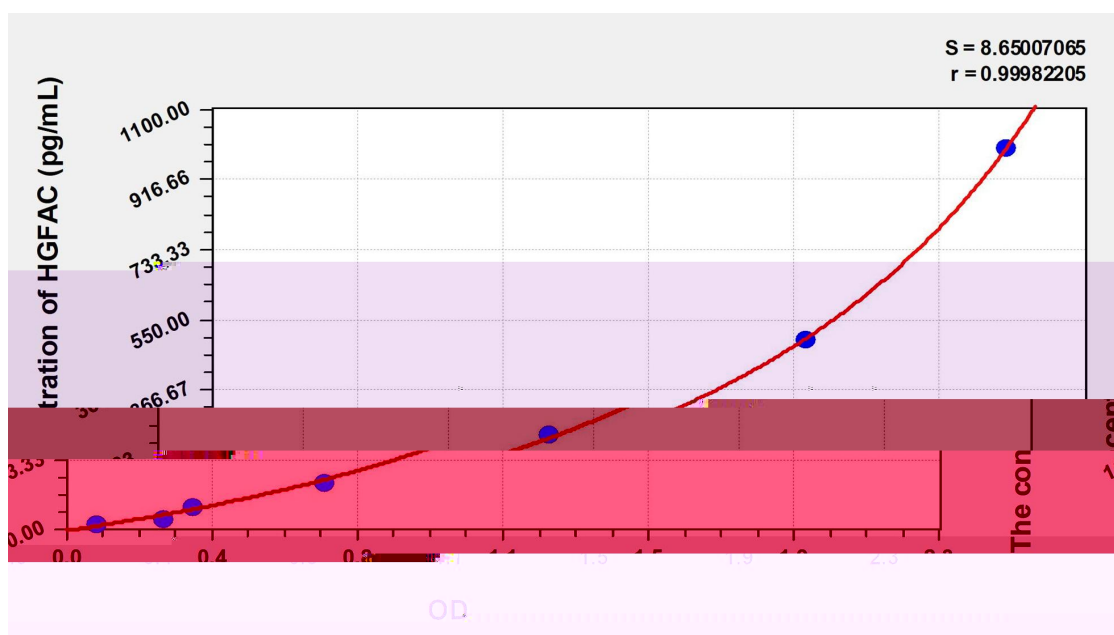
1. OD OD
 2. OD OD
- X Y

OD

OD

curve expert

pg/mL		
1000	2.184	2.088
500	1.658	1.562
250	1.128	1.032
125	0.777	0.681
62.5	0.428	0.332
31.25	0.349	0.253
15.625	0.174	0.078
0	0.096	0.000





() : CV% < 8%

1 20

() : CV% < 10%

3 40

HGFAC

(n=5)	87-93%	90%
EDTA (n=5)	87-107%	97%
heparin (n=5)	80-86%	83%

HGFAC

2 4 8 16

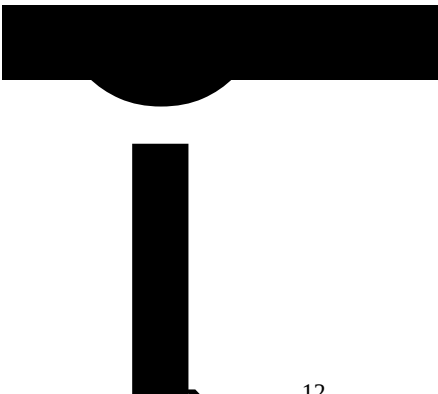
	1:2	1:4	1:8	1:16
(n=5)	94-105%	80-103%	90-95%	94-116%
EDTA (n=5)	83-98%	89-106%	86-95%	82-118%
heparin (n=5)	92-107%	85-91%	94-103%	83-119%



/

, ; ;		, .
		. , ,
		, ,
	Avidin-HRP	
		,
		TMB 450nm , 650nm

' α _2 mAb IB.





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



/

		,
		,
		10
		,
		,
		,
		,
		,
		,
	,	,
		,
		,
		3, 2 (2)



		3 , ,
		, , , ,
		, , , ,
	, ,	, , ,3000 rpm
	6min	
	, ,	, ,



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

027-59760950

elkbio@elkbiotech.cn

