



β -

(bCTx)

ELK1545

S a a a d b ca d

L

L

bCTx

		T	T	
	P c a d M c a			C C
	S a da d d			C C
&	S a da d Sa D B	L	L	C C
	B a d C a	L	L	C C
	B a d C a D	L	L	C C
HRP 100	S a d HRP	L	L	C C
	HRP D	L	L	C C
25	Wa B	L	L	C C
TMB	TMB S b a S	L	L	C C
	S a	L	L	C C
	P a C			
	I c a a			



	C			
HRP		C		C
	C			C

	C			C
--	---	--	--	---

EP		L	L	L	L
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1.
2.
3. TMB



bCT

bCT

HRP

TMB

TMB

bCT

OD

 $\circ C \quad \circ C$

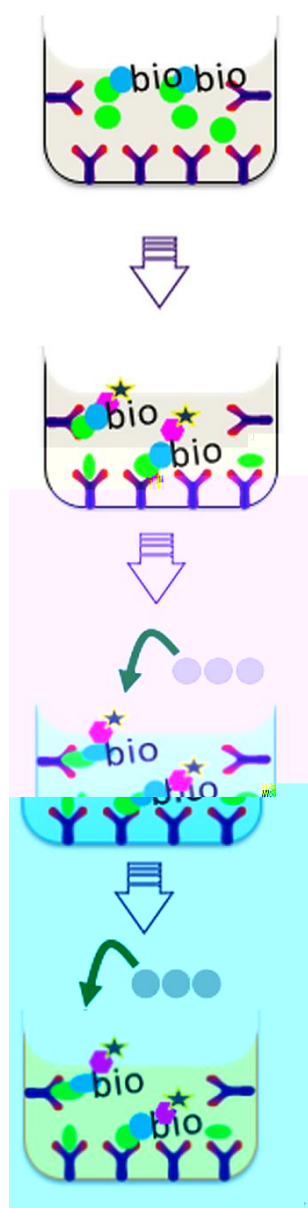
C C

PB

b c c



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



L

C

L

L

L HRP

C

L

L TMB,

C

L

L





C

TMB

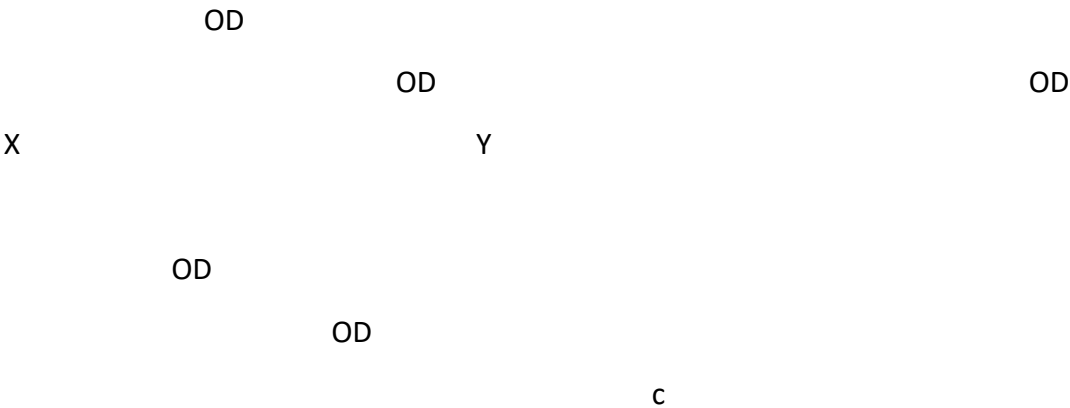
TMB

1.

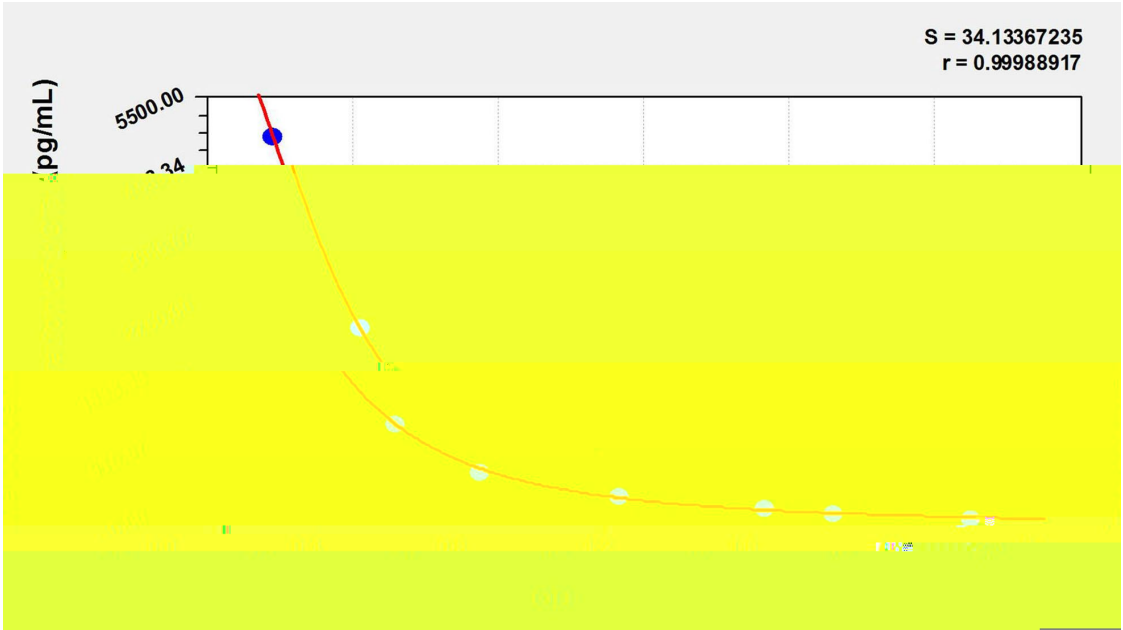
2.

3.





Concentration (pg/mL)	OD



:



●

():CV

1

():CV

3

●

bCTx

EDTA		
a		

●

bCTx

2

4

8

16

EDTA				
a				



ELISA

/

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

, ;		
	,	(NaN ₃), .
		,



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



/

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		200 µL/
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		3 , 2 (2)



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



ELK B c

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