ELK Biotechnology

ELK

Serum, plasma and other biological fluids

. pg/mL

. - pg/mL

GHRL

		T	T	
	Pre-coated Microplate			C/- C
	Standard (lyophilized)			C/- C
&	Standard/Sample Diluent Buffer	mL	mL	C/- C
	Biotinylated-Conjugate ( )	µL	µL	C/- C
	Biotinylated Conjugate Diluent	mL	mL	C/- C
HRP 100	Streptavidin-HRP ( )	µL	µL	C/- C
	HRP Diluent	mL	mL	C/- C
25	Wash Buffer ( )	mL	mL	C/- C
TMB	TMB Substrate Solution	mL	mL	C/- C(
	Stop reagent	mL	mL	C/- C
	Plate Covers			
	Instruction manual			

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. * C

HRP - C C

* C - C

. - C C

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. nm

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. EP . - µL - µL - µL - µL

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1.

2.

3. TMB

GHRL GHRL

-HRP

TMB TMB

GHRL nm (OD)

. C g

- °C - °C

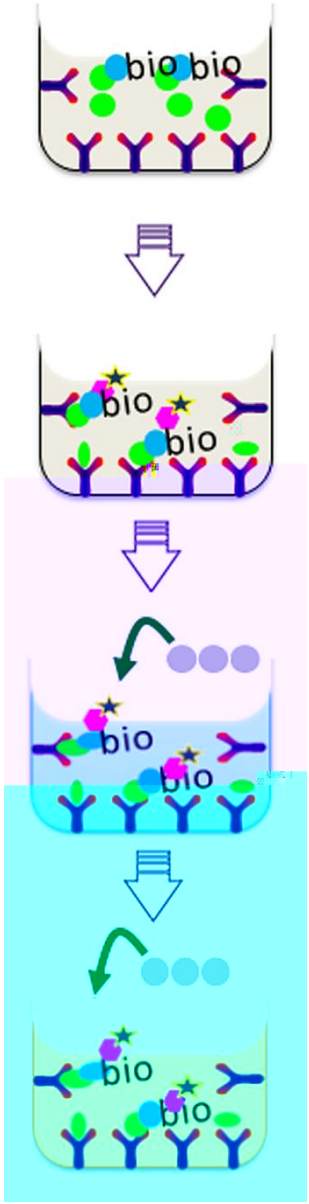
. - C g

EDTA-Na - C - C

. PB

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

. PBS &



. µL µL
µL C min

. µL
µL HRP C

. µL
µL TMB , C

. µL nm

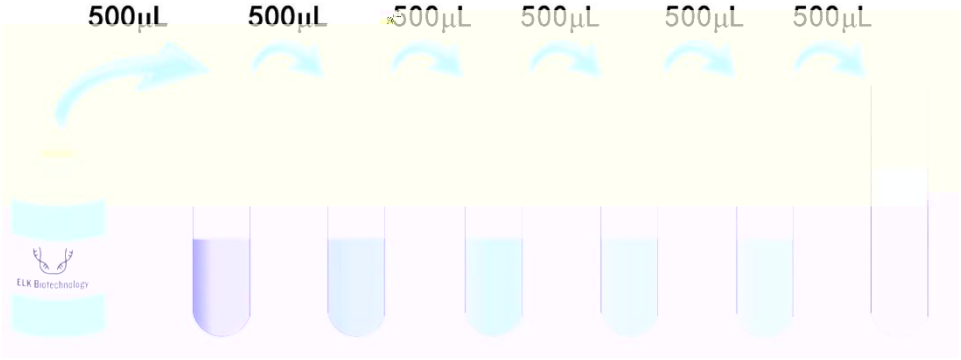
.

. C

. . mL

pg/mL pg/mL pg/mL

pg/mL pg/mL . pg/mL . pg/mL . pg/mL pg/mL



pg/mL . . .

. (x)

(μL) . - . mL μL

μL

. - (x)

(μL) . - .

mL μL μL

. TMB ——

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g -

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C

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. TMB TMB

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1.

2.

3.

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. µL

(x) µL

C

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. (x) µL -

. -HRP(x) µL C

. (x) µL -

. TMB µL C

. µL

. nm (OD)

. *

. OD

. OD OD

X Y

OD

OD

curve expert

Concen a ion pg mL	OD
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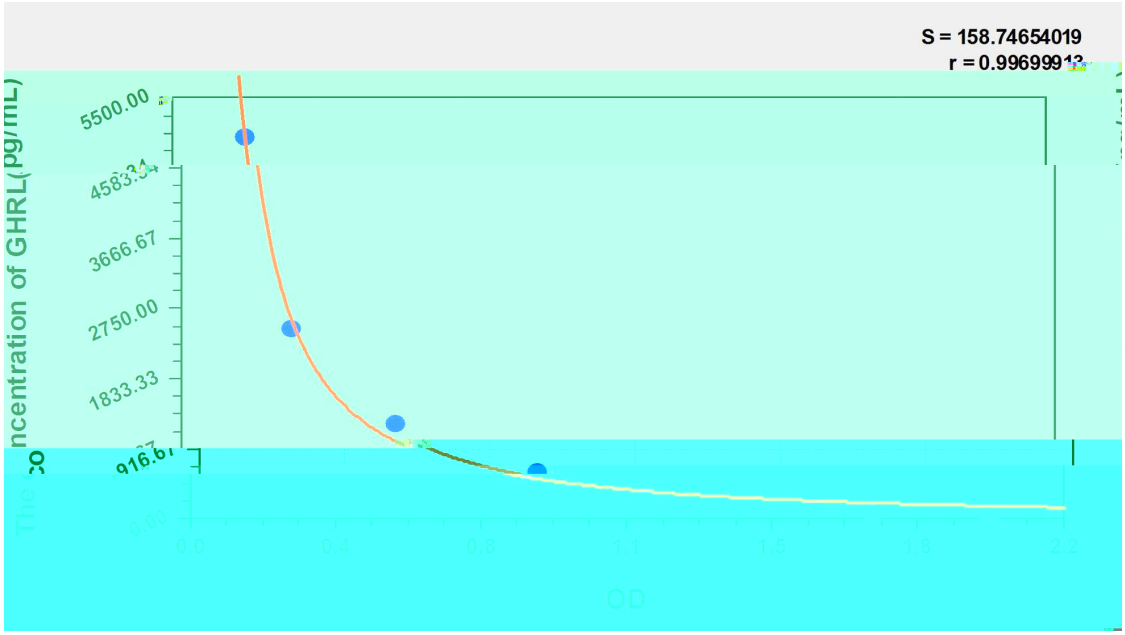

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( ) : CV

1

( ) : CV

3

-

GHRL

(n)	-	
EDTA (n)	-	
heparin (n)	-	

-

GHRL 2 4 8 16

	:	:	:	:
(n)	-	-	-	-
EDTA (n)	-	-	-	-
heparin (n)	-	-	-	-

ELK Biotechnology

ELISA

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	Avidin-HRP	
		,
		TMB 450nm , 650nm

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	,	(NaN_3), .
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		30min
	, , ,	, , , , , . , .
		15-30min
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	,	(NaN_3), , .
,	NaN_3 ,	NaN_3
	,	,
,		TMB 450nm , 650nm

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		200 μL/ , . ,
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. ELK Biotechnology

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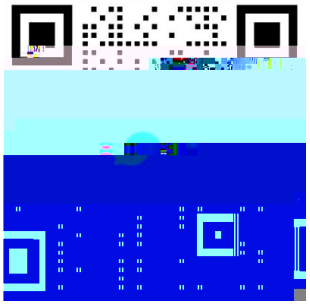
elkbio@elkbiotech.cn