



EK2159-01

M EGF 2/F -1 ELI A K

C N
EK2159 - 48
EK2159 - 96

2(VEGF R2/Flk-1)

1.

2 (VEGF R2) (RTKs) III VEGF R1 VEGF R2

VEGF R2 VEGF-A(VEGF₁₂₁ VEGF₁₆₅ VEGF₁₈₉ VEGF₂₀₆)

VEGF-C VEGF-D VEGF R1 VEGF R2 VEGF VEGF R1 VEGF R2

VEGF R2 VEGF R1 VEGF VEGF R1 VEGF R2 VEGF VEGF

R2 VEGF R1 VEGF/VEGF R2 VEGF R2

2.

VEGF R2

VEGF R2 (Streptavidin-HRP) TMB

VEGF R2 450 nm (570 - 630

nm)

3.

- 1)
- 2)
- 3)
- 4)

- 12)
- 13)
- 14)
- 15)
- 16)
- 17)
- 18)
- 19)
- 20)

25°C±3°C

121.5 1
30

5.

- 1)
- 2)
- 3)
- 4)
- 5)
- 6)
- 7)
- 8)
- 9)

30

180

1.

300 × g 10

-20

30

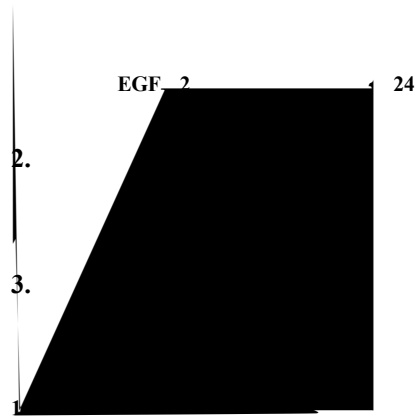
1,000 × g 10

-20

EDTA

1,000 × g 30

-20



2 - 8
-20

5 µl + 995 µl 1×

25°C±3°C

1× 20× 50 ml 1 L
30

1,000 ml

2 - 25

1

10× 10 ml 100 ml

100 ml

2 - 8

1×

30

1

1 100

1×

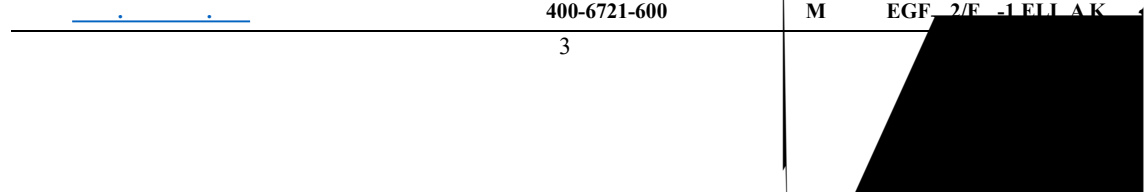
1 100

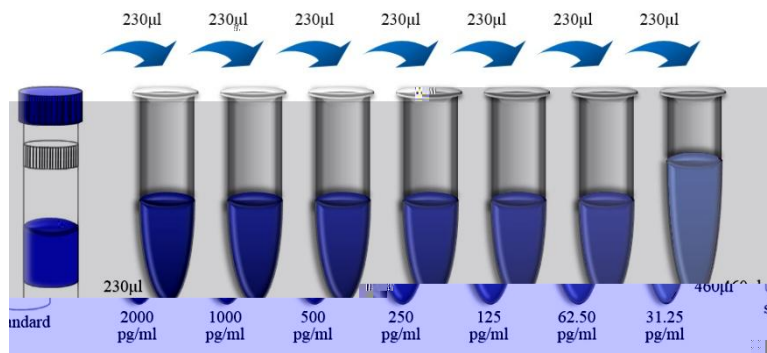
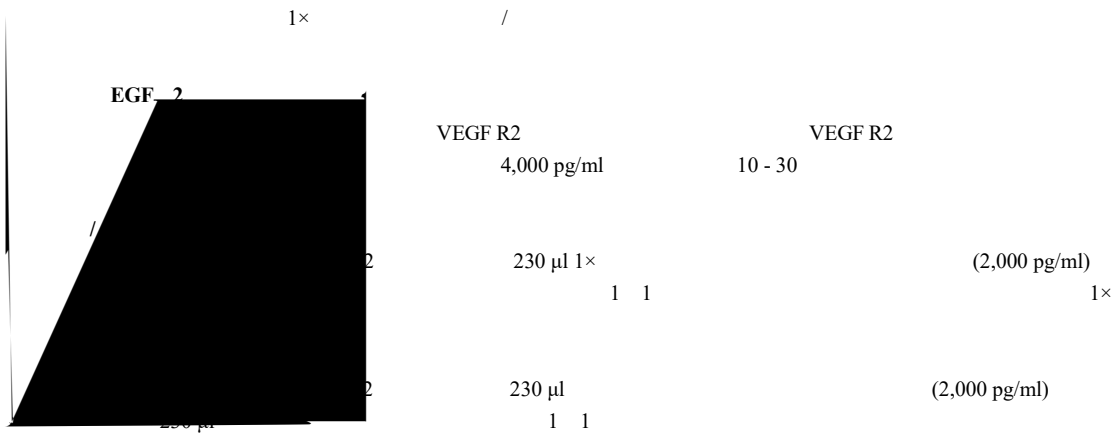
400-6721-600

M

EGF_2/E_1-LELLAK

3



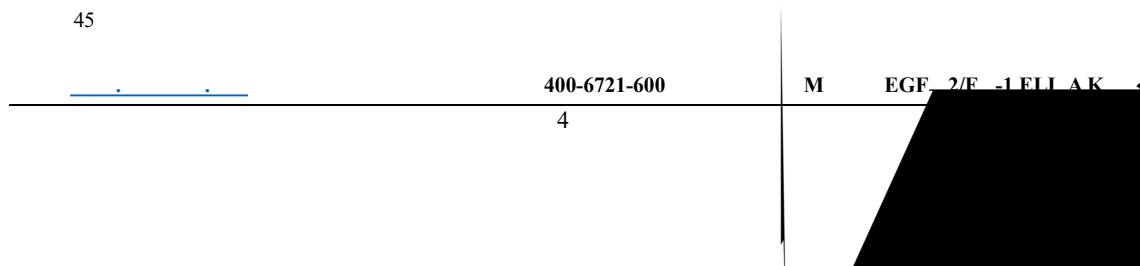


4.

25°C±3°C

- 1)
- 2)
- 3) 300 µl 1x 30
- 4) 100 µl 2 100 µl 1x (/) ()
- 5) / 100 µl 100 µl ()
- 6) 3 " ") 50 µl (1:100) 4 5 6 15
- 7) 100-300 / 25°C±3°C 2
- 8) 300 µl 6
- 9) 100 µl (1:100)
- 10) 100-300 / 25°C±3°C

45



400-6721-600

M EGF 2/E -1ELLA K

4

- 11) 8
 12) 100 µl TMB 25°C±3°C 5 - 30
 13) 100 µl
 14) 30 450 nm 570 nm 630 nm
 OD OD 450 nm 570 nm 630 nm 450 nm OD

(ELI A)

5 - 30

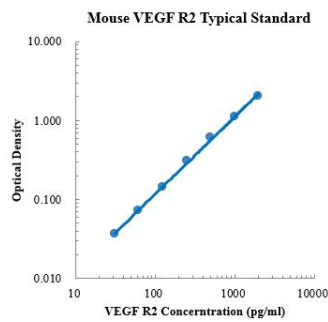
- 1) S5 Blank
 2) 630 nm S1 OD 0.5 - 0.7 S5 OD 0.05 - 0.08 Blank
 OD 0.05
 3) 400-6721-600

1.

OD OD
 OD OD
 OD
 2,000 / 200

2.

/	O.D.	A	C
0.00	0.036	0.043	0.040
31.25	0.074	0.077	0.076
62.50	0.113	0.111	0.112
125.00	0.179	0.187	0.183
250.00	0.346	0.348	0.347
500.00	0.635	0.650	0.643
1000.00	1.144	1.175	1.160
2000.00	2.052	2.075	2.064



3.

VEGF R2 3.26 pg/ml (6)
 10 OD SD

4.

3 20

	1	2	3		1	2
	20	20	20		6	6
(/)	113.3	352.4	1043.6		114.6	340.9
	4.9	15.0	47.6		8.2	18.3
(%)	4.4	4.3	4.6		7.1	5.4

5.

5 3 VEGF R2 VEGF R2
85 % 110 % 98 %

6.

5 VEGF R2

	(%)	(%)
1:2	90	82 - 109
1:4	88	80 - 100
1:8	93	85 - 107
1:16	98	90 - 110

7.

VEGF R2

8.

30 ICR

		(/)	(%)	(/)
	30	30.5 - 94.4	100	48.5

:

9.

VEGF R2

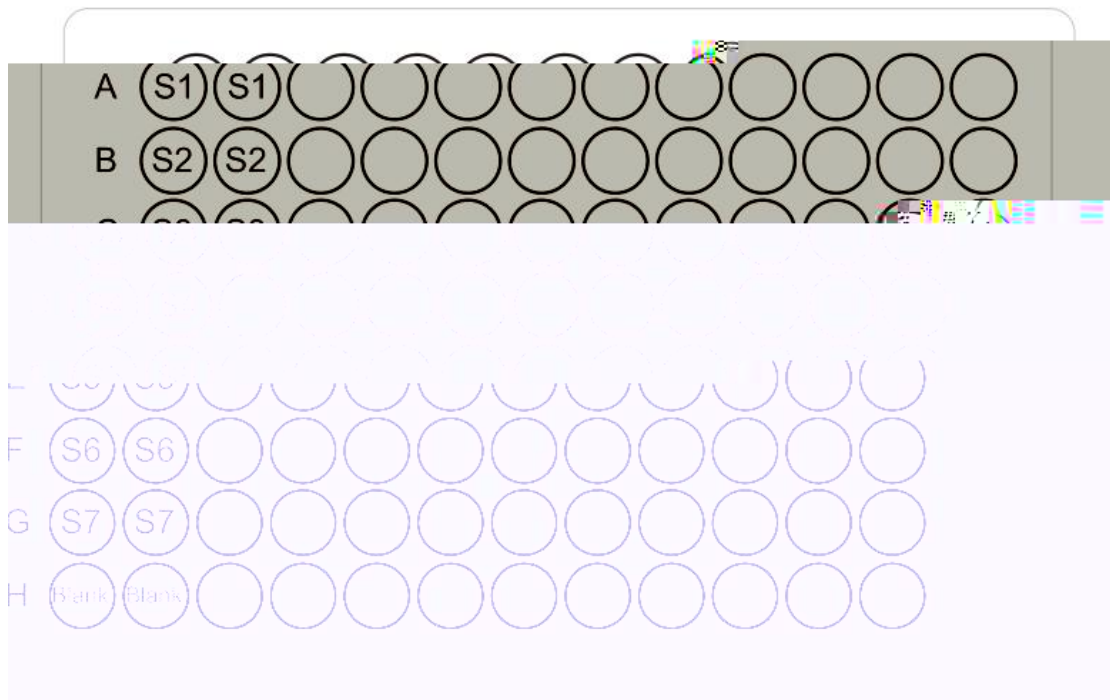
IFN- γ	VEGF ₁₂₁	PIGF-2	IFN- γ
IL-1 β	VEGF ₁₆₅	VEGF ₁₁₅	IL-1 β
IL-2	VEGF ₂₀₆	VEGF ₁₂₀	IL-4
IL-4	VEGF/PIGF	VEGF ₁₆₄	IL-6
IL-5	VEGF-B ₁₆₇	VEGF-B ₁₈₆	IL-10
IL-6	VEGF-C	VEGF-D	TNF- α
IL-8	VEGF-D	VEGF R1	
IL-10	VEGF R1	VEGF R3	

IL-12	VEGF R3		
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10.

- 1) 300 µl 1× 30
- 2) 100 µl 2
100 µl 1
- 3) / 100 µl 100 µl (3
" "))
- 4) 50 µl **1:100** 2 3 4 15
- 5) 25°C±3°C 2 6
- 6) 100 µl **1:100**
- 7) 25°C±3°C 45 6
- 8) 100 µl 25°C±3°C 5 - 30
- 9) 100 µl
- 10) 30 450 nm OD 570 nm 630 nm

11.



M EGF_2/E_1LELLAK

400-6721-600

M

EGF_2/E_1ELLAK