# 15(FGF15)

serum, plasma, tissue homogenates, cell lysates, cell culture supernates and other biological fluids

6 pg/mL

15.63-1000 pg/mL

FGF15

| | | 48T | 96T | |
|---|---|---|---|---|
| | Pre-coated Microplate | 6 x 8 | 12 x 8 | 4℃/-20℃ |
| | Standard (lyophilized) | 1 | 2 | 4℃/-20℃ |
| & | Standard/Sample Diluent Buffer | 10 mL | 20 mL | 4℃/-20℃ |
| 100× | Biotinylated Antibody (100 | | | |

ELK Biotechnology

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FGF15 96

FGF15 FGF15 FGF15

FGF15 FGF15

HRP TMB TMB

FGF15

450 nm (OD )

1. 2 4℃ 1000×g 20
-20℃ -80℃
2. 30 2-8℃ 1000×g 15
EDTA-$Na_2$ -20℃ -80℃
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℃ -80℃
5. 24 2000×g 15
-20℃
6. 2-8℃, 1000×g 15
-20℃
7. 1000×g 20

1.
2. 1 4℃
-20℃ 1 -80℃ 3-6

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
5. 3 μL 100
6. PBS &

1. / (Original solution)
2.

1. [illegible] 5 [illegible] 100 µL ([illegible] 100 µL [illegible]

2. [illegible] 200

1

1.

2.

1000×g 1 4-5

3.

40℃

4. 10

5.

6. TMB TMB

7.

8.

9.

10.

1.

2.

3.

1.

2. 100 µL

37℃ 80

3. 3 200 µL 1-2

4. 100µL 15 37℃ 50

5. 3 200µL 1-2

6. 100 µL 15 37℃ 50

7. 5 200 µL 1-2

8. TMB 90 µL 37℃ 20

30

9. 50 µL

10. 450 nm OD

1. OD OD

2. OD OD

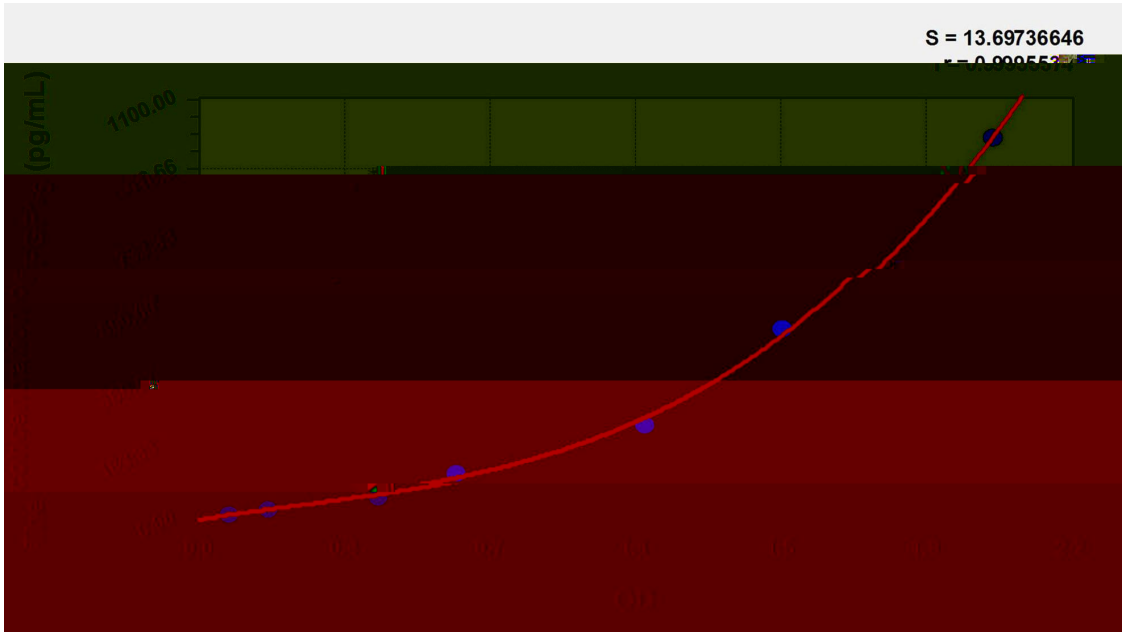
X Y

OD

OD

curve expert

| pg/mL | | |
|---|---|---|
| 1000 | 2.121 | 2.032 |
| 500 | 1.631 | 1.542 |
| 250 | 1.277 | 1.188 |
| 125 | 0.797 | 0.708 |
| 62.5 | 0.547 | 0.458 |
| 31.25 | 0.265 | 0.176 |
| 15.63 | 0.165 | 0.076 |
| 0 | 0.089 | 0.000 |



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( ):CV%<8%

1 20

( ):CV%<10%

3 40

- 

FGF15

| | | |
|---|---|---|
| (n=5) | 78-92% | 85% |
| EDTA (n=5) | 78-96% | 87% |
| heparin (n=5) | 80-95% | 87% |

- 

FGF15 2 4 8 16

| | 1:2 | 1:4 | 1:8 | 1:16 |
|---|---|---|---|---|
| (n=5) | 85-94% | 87-101% | 89-99% | 85-95% |
| EDTA (n=5) | 92-101% | 87-98% | 85-92% | 79-96% |
| heparin (n=5) | 87-94% | 85-96% | 89-100% | 85-96% |

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

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| | | 15-30min |
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| , | $NaN_3$ , | $NaN_3$ |
| | , | , |
| , | | TMB 450nm<br>, 650nm |

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| | , | ,3000 rpm<br>6min |
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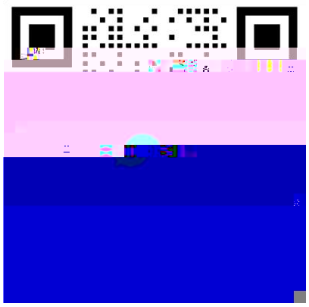
3.

4.

5. ELK Biotechnology

6. 6

027-59760950

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