50 /48

2-3

1mL

50ml×1 4

×1 4

1 10^4

mL 500~1000 1 500 1mL

20 200W 3S 10S 30

45min 3~5 8000g 25 10min

2 g (mL) 1 5~10 0.1g

1mL 45min 3~5 8000g 25

10min

3 mL (mL) 1 5~10

0.1mL 1mL 45min 3~5

8000g 25 10min

1 30min 620nm

2 95

3 7.5mL 42.5mL

4

4 0.25mL 1mL EP 95 10 min

620 nm A

1

1 y = 8.8976x+0.0729 x mg/mL y

2

(mg/g)= [V1 × (A -0.0729)÷8.8976]÷(W × V1÷V2)=0.112 × (A -0.0729) ÷W

3

(mg/mg prot)=[V1 × (A -0.0729) ÷8.8976]÷(V1 × Cpr)=0.112 × (A -0.0729) ÷Cpr

4

(μg/10^4 cell)=[1000 × V1 × (A -0.0729) ÷8.8976]÷(500 × V1÷V2)=0.224 × (A -0.0729)

5

mg/mL [V1 × (A -0.0729 ÷8.8976)]÷(V3 × V1÷V2)=1.12 × (A 89 U