



OM

I.

PQ0011, PQ0012

50T/250T, 100T/500T

“IV.”

II.

BCA(bicinchoninic acid)

BCA

Cu²⁺

Cu⁺ Cu⁺ BCA

562 nm

BCA SDS Triton X-100 Tween 20 Tween 80

Lowry

(PQ0031/PQ0032)

BCA

III.

- 20 - 2000 µg/ml 60°C 5 - 250 µg/ml
- 25 - 500 µg/ml
- 30
- 12 BCA
- BCA (A B) 1
-

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		PQ0011	PQ0012	
		50T /250T	100T/500T	
BCA	A	50 ml	100 ml	
BCA	B	1.25 ml	2.5 ml	
BSA	(2 mg/ml)	2.5 ml	5 ml	- 20°C

:

1. BCA A BCA B (50:1)
2. (2)



37°C 30 (37°C 2 562 nm)
562 nm ()

4.2

50 µl () 1.5 ml Eppendorf
(2 - 3)
1 ml BCA
37°C 30 (60°C 30 5 µg/ml)
562 nm (0.5)

:

1

SDS	5%	Sodium azide	0.2%
Dithiothreitol (DTT)	1 mM	2-Mercaptoethanol	0.01%
CHAPS	5%	EDTA	10 mM
Glycerol	10%	Urea	3 M
DMSO	5%	NaOH	0.25 M
(NH ₄) ₂ SO ₄	1.5 M	Guanidine HCl	10 mM
Tris, pH 8.0	250 mM	Acetone	10%
Potassium thiocyanate	3.0 M	TritonX-100/X-114	5%
Tween-80	5%	Tween-20	5%

2 BSA

BSA 0.5 mg/ml (2 mg/ml)

	BSA (l)	(l)	BSA (g/ml)
1	0	20	0
2	1	19	25
3	2	18	50
4	4	16	100
5	8	12	200
6	12	8	300
7	16	4	400
8	20	0	500

Product For Research Use Only rev: PQ001-01

MultiSciences Biotech Co., Ltd

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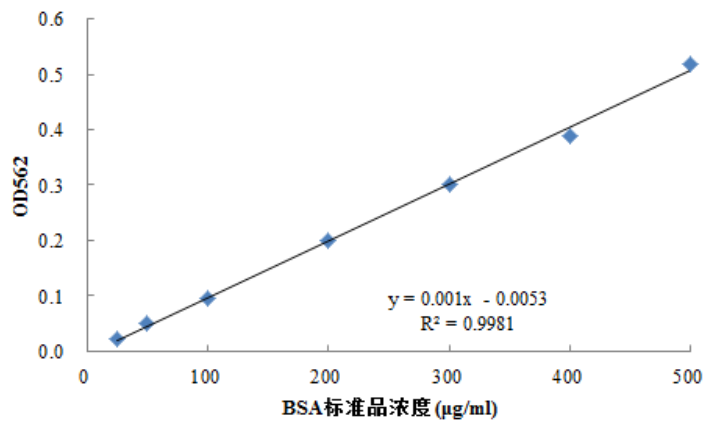


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- 1.
- 2.
3. BSA
4. 37°C
5. BCA 10
6. Lowry
7. BCA
- 8.
9. BCA
10. 562 nm 540 - 590 nm
- 11.

:

	3 37°C 30			OD				
	M	m	O	o	O	M O		
500	0.653	0.651	0.652	0.133	0.519	0.001	0.2%	1.0%
400	0.527	0.518	0.523	0.133	0.390	0.006	1.2%	
300	0.430	0.441	0.436	0.133	0.303	0.008	1.8%	
200	0.333	0.330	0.332	0.133	0.199	0.002	0.6%	
100	0.232	0.225	0.229	0.133	0.096	0.005	2.2%	
50	0.183	0.181	0.182	0.133	0.049	0.001	0.8%	
25	0.155	0.156	0.156	0.133	0.023	0.001	0.5%	
0	0.132	0.133	0.133					



1 37°C 30

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d:
