



β -

(bCTx)

a a c a c c a a d b ca d

L

L

bCTx

|            |                 | T | T |     |
|------------|-----------------|---|---|-----|
|            | P c a d M c a   |   |   | C C |
|            | S a da d d      |   |   | C C |
| &          | S a da d Sa D B | L | L | C C |
|            | B a d C a       | L | L | C C |
|            | B a d C a D     | L | L | C C |
| HRP<br>100 | S a d HRP       | L | L | C C |
|            | HRP D           | L | L | C C |
| 25         | Wa B            | L | L | C C |
| TMB        | TMB S b a S     | L | L | C C |
|            | S a             | L | L | C C |
|            | P a C           |   |   |     |
|            | I c a a         |   |   |     |



|     |   |   |  |   |
|-----|---|---|--|---|
|     | C |   |  |   |
| HRP |   | C |  | C |
|     | C |   |  | C |

|  |   |  |  |   |
|--|---|--|--|---|
|  | C |  |  | C |
|--|---|--|--|---|

|    |  |   |   |   |   |
|----|--|---|---|---|---|
| EP |  | L | L | L | L |
|----|--|---|---|---|---|

1.
2.
3. TMB



bCT

bCT

HRP

TMB

TMB

bCT

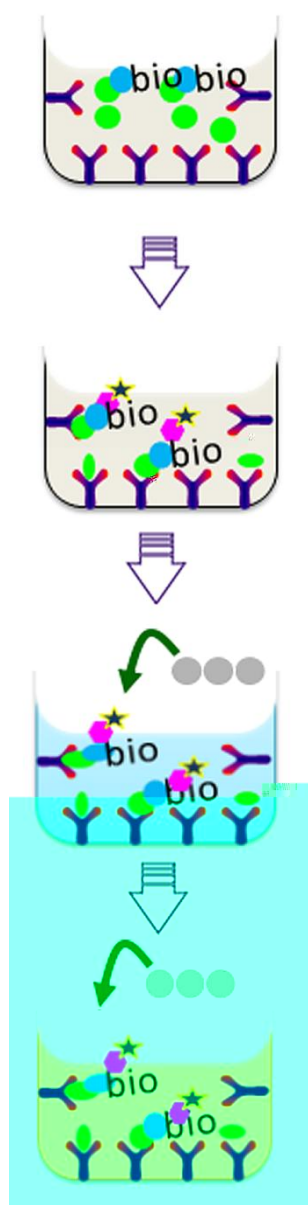
OD



C  
 °C °C  
 C  
 EDTA Na C C  
 P



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



L

C

L

L

L HRP

C

L

L TMB,

C

L

L



C

L

L

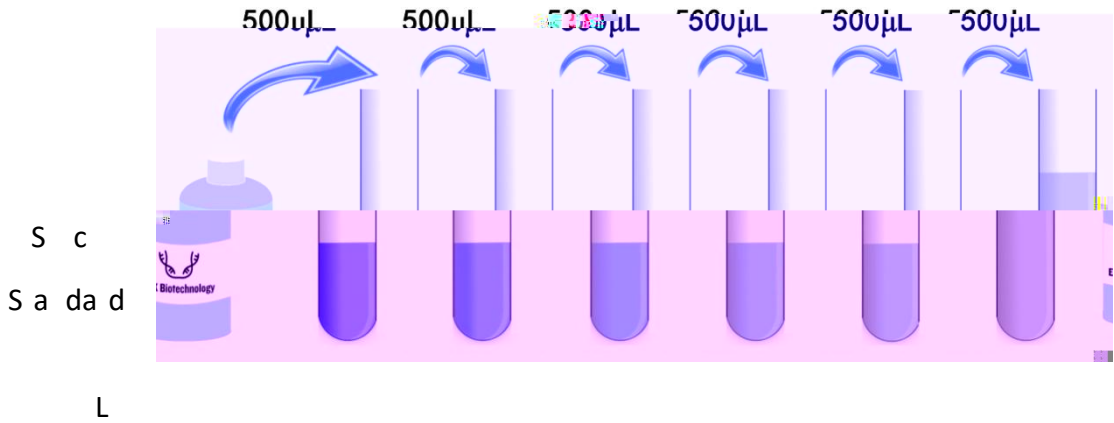
L

L

L

L

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L

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TMB



C

TMB

TMB

1.

2.

3.







OD

OD

OD

X

Y

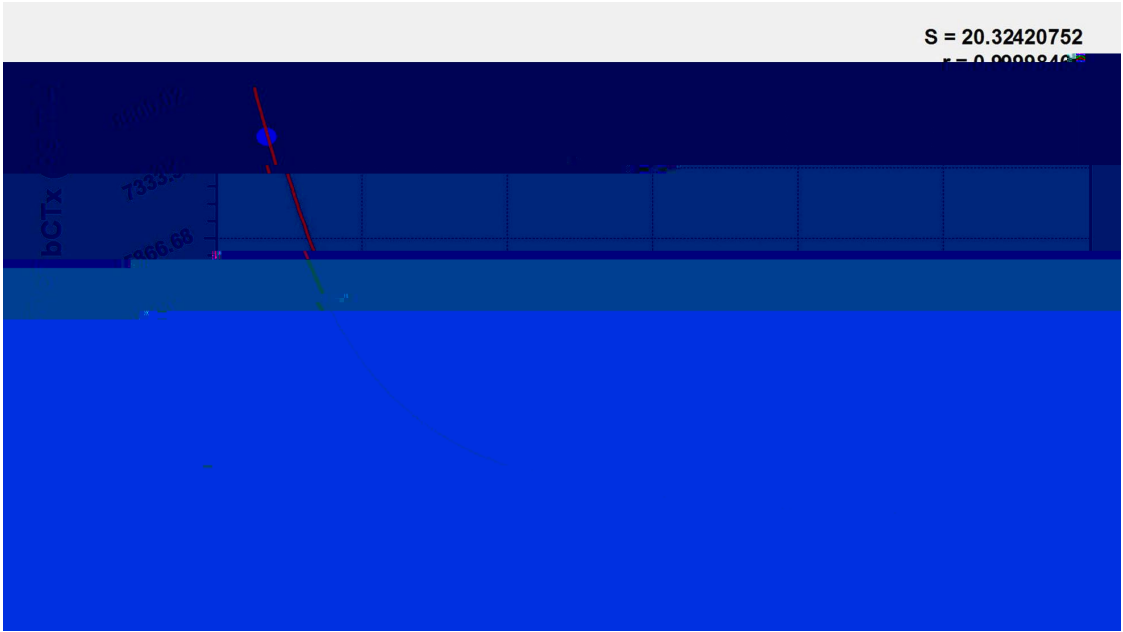
OD

OD

OD

c

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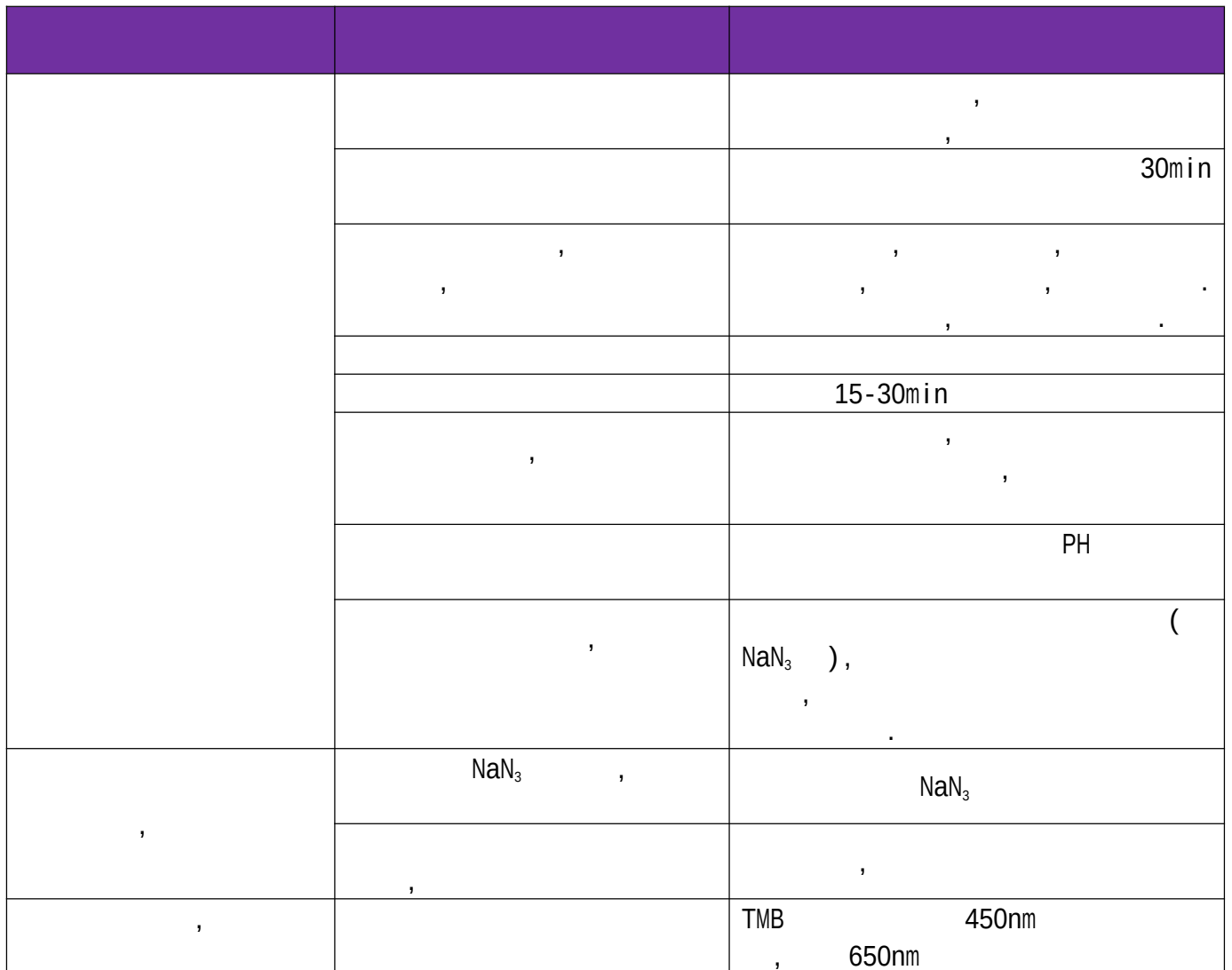




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|     |            |                      |
|     |            | , ,                  |
|     | Avidin-HRP |                      |
|     |            | ,                    |
|     |            |                      |
|     |            | TMB 450nm<br>, 650nm |

| , ; |   |                               |
|-----|---|-------------------------------|
|     | , | (<br>NaN <sub>3</sub> ),<br>. |
|     |   | ,                             |





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|  |   | 200 µL/     |
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|  |   | 3 , 2 ( 2 ) |
|  |   |             |



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



ELK B c

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