# Bovine RV-Ab

# ELISA

## 

ELISA RV-Ag HRP

TMB TMB

450nm OD CUTOFF (RV-Ab)

1. 3000 10

2. EDTA 3000 30

3. 3000 10

4. 3000 10

5. -20

## 

1. 450nm

2. 0.5-10uL 2-20uL 20-200uL 200-1000uL

3．37

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1．　　2-8

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20× 1 20 1 20× 19

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1. 1min 5
2. 350μL 1min 5

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1. 20min 4
2. 50μL
3. 10μL 40μL
4. HRP 100μL 37 60min
5. 1min 5
6. A B 50μL 37 15min
7. 50μL 15min 450nm OD

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1. OD ≥1.00
   OD ≤0.15
2. Cut off = +0.15
3. OD Cut off

4. OD Cut off

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1. OD ≥1.00 OD ≤0.15

2.

3. 15%

4. 2-8 d

1. Standard microplate reader(450nm)
2. Precision pipettes and Disposable pipette tips.
3. 37 incubator

1. Do not substitute reagents from one kit to another. Standard, conjugate and microplates are matched for optimal performance. Use only the reagents supplied by manufacturer.
2. Do not remove microplate from the storage bag until needed. Unused strips should be stored at 2-8°C in their pouch with the desiccant provided.
3. Mix all reagents before using.

Remove all kit reagents from refrigerator and allow them to reach room temperature ( 20-25°C)

| Name | 96 determinations | 48 determinations |
|---|---|---|
| Microelisa stripplate | 12*8strips | 12*4strips |
| Negative control | 0.5ml | 0.5ml |
| Positive control | 0.5ml | 0.5ml |
| HRP-Conjugate reagent | 10.0ml | 5.0ml |
| 20X Wash solution | 25ml | 15ml |
| Sample Diluent | 6.0ml | 3.0ml |
| Chromogen Solution A | 6.0ml | 3.0ml |
| Chromogen Solution B | 6.0ml | 3.0ml |

| | | |
|---|---|---|
| Stop Solution | 6.0ml | 3.0ml |
| Closure plate membrane | 2 | 2 |
| User manual | 1 | 1 |
| Sealed bags | 1 | 1 |

1. Test validity: the average of Positive control well≥1.00; the average of Negative control well ≤0.15.

2. Calculate Critical (CUT OFF): Critical= the average of Negative control well + 0.15.

   Negative Result: sample OD< Calculate Critical (CUT OFF) is Negative.

   Positive Result: sample OD≥ Calculate Critical (CUT OFF) is Positive.

Storage