

Avian Influenza Virus Ab Rapid Test

1. INTENDED USE

Avian Influenza Virus Ab Rapid Test is a sandwich lateral flow immunochromatographic assay for the qualitative detection of avian influenza virus antibody (AIV Ab) in serum.

Assay Time: 5 – 10 min

Sample: Serum

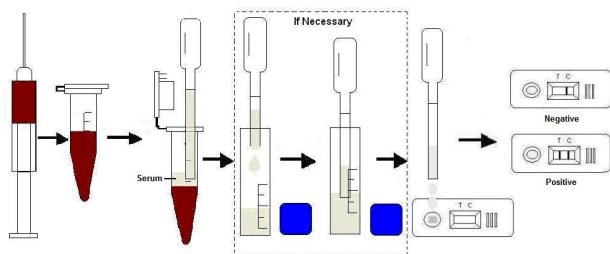
2. PRINCIPLE OF THE ASSAY

Avian Influenza Virus Ab Rapid Test is based on sandwich lateral flow immunochromatographic assay. The test device has a testing window. The testing window has a invisible T (test) zone and a C (control) zone. When sample is applied into the sample zone on the device, the liquid will laterally flow on the surface of the test strip. If there is AIV antibody in the sample, a visible T band will appears. The C band should always appear after a sample is applied, to indicate a valid result. By this means, the device can accurately indicate the presence of avian influenza virus antibody in the sample.

3. KIT COMPONENT

- 10× foil pouches each contain one cassette with one pipette and a desiccant
- 10× centrifugal tubes (1.5 ml)
- Products Manual

4. TEST PROCEDURE



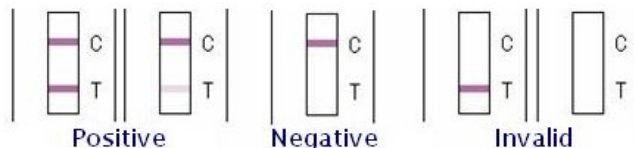
- Do centrifugation to avian's whole blood sample to collect serum or plasma for use. If serum is too sticky to move, please do a dilution of 1:1 with PBS or distilled water.
- Take out the cassette from the foil pouch and place it horizontally.
- Gradually drip 3 drops of serum/plasma into the sample hole "S".
- Interpret the result in 5-10 minutes. Result after 10 minutes is considered as invalid.

5. INTERPRETATION OF RESULTS

Positive: The presence of both C band and T band, no matter T band is clear or vague.

Negative: Only clear C band appears.

Invalid: No colored band appears in C zone, no matter whether T band appears.



6. STORAGE

The kit can be stored at room temperature (2-30°C). The test kit is stable through the expiration date (18 months) marked on the foil pouch. **DO NOT FREEZE.** Do not store the test kit in direct sunlight.

7. PRECAUTIONS

- For best results, please strictly adhere to these instructions.
- All reagents must be at room temperature before running the assay.
- Do not remove test cassette from its pouch until immediately before use.
- Do not reuse the test kit.
- Do not use the test beyond its expiration date marked on the foil pouch.
- The components in this kit have been quality control tested as standard batch unit. Do not mix components from different lot numbers.

8. LIMITATION

Avian Influenza Virus Antibody Rapid Test is for in vitro veterinary diagnosis use only. All result should be considered with other clinical information available with veterinarian. For an accurate result, It is suggested to apply other method such as ELISA for final determination in practice.