INTENDED USE

The A.CPT Ag Test is a lateral flow immunochromatographic assay for the qualitative detection of Chlamydia Psittaci antigen in secretions from avian's throat.

Assay Time: 5-10 minutes

Specimen: secretions from avian's throat

PRINCIPLE

The A.CPT Ag Test is based on sandwich lateral flow immunochromatographic assay. The test device has a testing window for the observation of assay running and result reading. The testing window has an invisible T (test) zone and a C (control) zone before running the assay. When the treated sample was applied into the sample well on the device, the liquid will laterally flow through the surface of the test strip and react with the pre-coated monoclonal antibodies. If there is Chlamydia Psittaci antigen in the specimen, a visible T line will appear. The C line should always appear after a sample is applied, which indicates a valid result. By this means, the device can accurately indicate the presence of Chlamydia psittaci antigen in the specimen.

REAGENTS AND MATERIALS

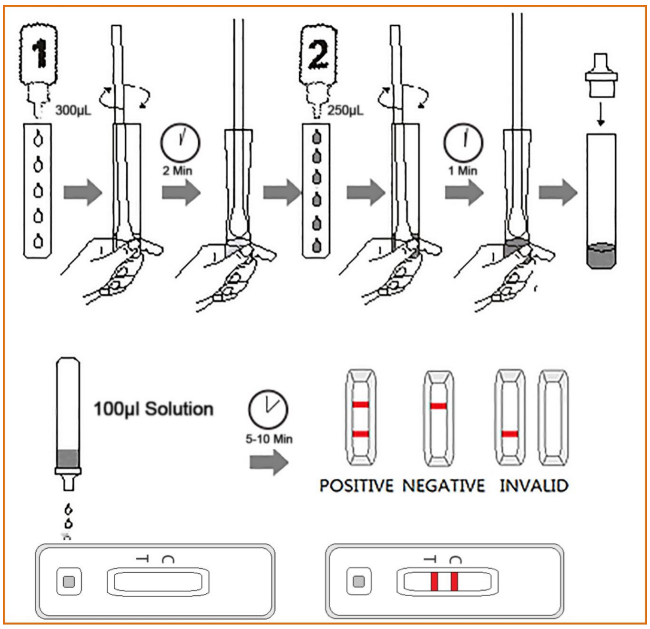
- 10 test pouches, with cards
- 1 bottle of extraction reagent 1
- 1 bottle of extraction reagent 2
- 10 extraction tubes
- 10 dropper tips
- 10 bags of swab stick
- 1 workstation
- 1 package insert

STORAGE AND STABILITY

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 package label. DO NOT FREEZE. Do not store the test kit in direct sunlight.

TEST PROCEDURE

- Collect secretions from avian's throat with the swab and make the swab wet sufficiently.
- Hold the reagent 1 bottle vertically and add 10 drops of reagent 1 (approx. 300µl) to the extraction tube. Reagent 1 is colorless. Immediately insert the swab, compress the bottom of tube and rotate swab 15 times. Let stand for 2 minutes.
- Hold the reagent 2 bottle vertically add 8 drops of reagent 2 (approx. 250µl) to the extraction tube. The solution would turn turbid. Compress the bottle of tube and rotate the swab 15 times until the solution turn clear with a slight green or blue tint. If the swab is bloody, the color will turn yellow or brown. Let stand 1 minute.
- Press the swab against the side of tube and withdraw the swab while squeezing the tube. Keep as much liquid in the tube as possible. Fit the dropper tip on top of extraction tube.
- Take out the test device from the foil pouch and place it horizontally.
- Add 4 full drops of the extracted solution (approx. 100µl) into the sample well "S" of the test device, then start the timer. Avoid trapping air bubbles in the specimen well.
- Interpret the result in 5-10 minutes. Result after 15 minutes is considered as invalid.



INTERPRETATION OF RESULTS

- **Positive (+)**: The presence of both "C" line and zone "T" line, no matter T line is clear or vague.
- **Negative (-):** Only clear C line appears. No T line.
- **Invalid:** No colored line appears in C zone. No matter if T line appears.

PRECAUTIONS

- 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 use the test beyond its expiration date.
- The components in this kit have been quality control tested as standard batch unit. Do not mix components from different lot numbers.
- All specimens are of potential infection. It must be strictly treated according to the rules and regulations by local states.

LIMITATION

The A.CPT Ag Test is for in vitro veterinary diagnosis use only. All result should be considered with other clinical information available with veterinarian. It is suggested to apply a further confirmative method such as RT-PCR when positive result was observed.

Manufacturer:
Hangzhou Evegen Biotech Co., LTD.
1st Floor, Building#1 No.578, 20th Street, Baiyang Subdistrict, Qiantang District, Hangzhou, Zhejiang Province