



◎ INTENDED USE

Asan Easy Test[®] E.canis is a chromatographic immunoassay kit for rapid and qualitative detection of Ehrlichia canis antibodies in canine serum, plasma and whole blood. E.canis antigens are used to membrane and gold conjugate materials. When the sample is dropped into the sample well on the device, the solubilized conjugate migrates with the sample by passive diffusion and both the conjugate and sample come into contact with the E.canis antigen that it adsorbed onto the nitrocellulose. If the sample contains E.canis antibody, the result is visible within 10 minutes in the form of a red or purple line on the test line (T) region of the device. The solution continues to migrate to encounter a control reagent that binds a control conjugate, thereby producing a second red line on the control line (C) region of the device.

◎ MATERIALS PROVIDED

Asan Easy Test[®] E.canis contains the following components:

1. Test devices individually foil-pouched with a desiccant : 10units
2. Assay solution(2.0ml/vial) : 1unit
3. Capillary pipette : 10units
4. EDTA Tube : 10units
5. Instruction manual for use : 1sheet

◎ PRECAUTIONS

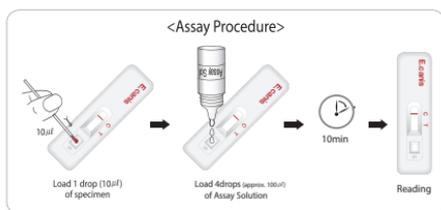
1. The presence of humidity may decrease the stability of the reagents.
2. Do not use the kit after the expiration date and do not freeze
3. For *in vitro* diagnostic use only
4. Wear protective gloves while handling samples and wash hands thoroughly after the test
5. Dispose all the specimens and kits properly after test, in accordance with GLP.
6. Never use reagents from another kit.
7. Discard the assay solution if it contaminated with bacteria or mold.

◎ SPECIMEN COLLECTION AND STORAGE

1. Specimen to be tested should be obtained and handled by standard methods for their collections.
 - A. Serum: Allow the blood to clot, then centrifuge to separate the serum.
 - B. Plasma: Collect the whole blood into the tube contained anticoagulants such as heparin, citrate, or EDTA. Centrifuge the blood and separate the plasma.
 - C. Whole blood: Collect an anticoagulated blood sample in EDTA, heparin or citrate using standard clinical laboratory procedures. Anti-coagulated whole blood samples should be tested within 24 hours of drawing. If delays are expected between sampling and testing, the sample should be stored refrigerated (2 ~8°C), but should not be frozen.

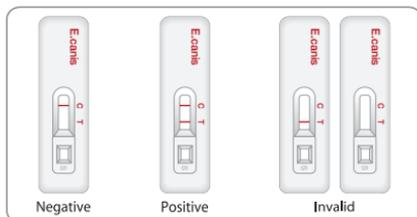
◎ TEST PROCEDURE

1. Place all specimens, test devices, and allow them to room temperature prior to testing (15~30 min).
2. Remove the test device from the sealed pouch, and place it on a clean and plain place.
3. Load 1drop (10 μ l) of specimen into the sample well(s) with disposable dropper.
4. Add 4 drops (approx. 100 μ l) of the assay solution from the bottle into the sample well.
5. Within 10 minutes, interpret the test result. Do not read after 10minutes.



◎ INTERPRETATION OF THE TEST

1. Negative result: ONLY one band in the control line (C).
2. Positive result: Two bands are appeared in the test line (T) and control line(C)
3. Invalid result: If at 10 minutes, the red color band does not appear in the control line (C), even if any shade of a pink-to-red test line (T) appears, the result is considered invalid. If the test is invalid, a new test should be performed with a new sample and anew test device.



◎ STORAGE & EXPIRATION

1. Asan Easy Test[®] E.canis kit should be stored between 1 to 30°C(33.8~86°F).
2. Expiration date of this kit is 24 months after its manufacture date.

◎ PERFORMANCE CHARACTERISTIC

Asan Easy Test[®] E.canis is designed for primary screening test of Ehrlichia canis antibodies. This kit can provide fast and easy way to get a result, but do not completely exclude the possibility of false positive or false negative result caused by various factors. So, refer to the result of this kit, please make a final decision with clinical manifestation, other test results, and veterinarian's view, collectively.