



◎ INTENDED USE

Asan Easy Test® Giardia Ag is a chromatographic immunoassay kit for rapid and qualitative detection of Giardia antigen in canine or feline feces which cause parasitic gastrointestinal disease. A nitrocellulose membrane is immobilized with a purified Giardia antibody. Another purified Giardia antibody is conjugated to colloidal gold particles. This conjugate is placed on a polyester pad as a conjugate pad. 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 Giardia antigen that it adsorbed onto the nitrocellulose. If the sample contains Giardia antigen, 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) area.

◎ MATERIALS PROVIDED

Asan Easy Test® Giardia Ag contains the following components(10Test/Kit) :

1. Test device individually foil-pouched with a desiccant : 10units
2. Assay solution in tube(1.0mL/tube) : 10units
3. Disposable droppers : 10units
4. Sterilized swab : 10 units
5. Instruction manual for use : 1sheet

◎ PRECAUTIONS

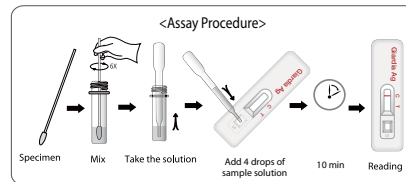
1. The presence of humidity may decrease the stability of the reagents. Thus, please carry out the test immediately after removing the device from the foil pouch.
2. Do not use the kit after the expiration date and do not freeze the kit.
3. For veterinary use only.
4. Wear protective gloves while handling 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 is contaminated with bacteria or mold.

◎ SPECIMEN COLLECTION AND STORAGE

Specimen of this is canine or feline feces material (stool). And, it should be obtained and handled by standard methods for the sample collection. The feces specimens must be tested as soon as they are prepared. If necessary, they may be stored at 2~8°C for up to 48 hours. If longer storage is required, the sample may be frozen at -20°C .

◎ 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. Collect the feces specimens at 4 different points or directly take the specimens from the canine or feline colon.
4. Insert and mix the swab with assay solution in a tube until the specimens has been dissolved. Then, discard the swab and repeat procedure for each sample.
5. Add 4 drops (approx. 120μL) of the solution taken by the disposable dropper into the sample well.
6. Within 10 minutes, interpret the test result(s). Do not read the result after 10minutes.



◎ INTERPRETATION OF THE TEST

A. NEGATIVE RESULTS :

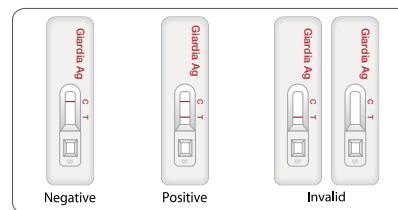
ONLY one band in the control line (C).

B. POSITIVE RESULTS :

Two bands are appeared in the test line (T) and control line(C).

C. INVALID RESULTS :

If at 10 minutes, the red color band does not appear in the control line, even if any shade of a pink-to-red test line appears, the result is considered invalid. If the test is invalid, a new test should be performed with a new sample and a new test device.



◎ STORAGE & EXPIRATION

1. Asan Easy Test® Giardia Ag 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® Giardia Ag is designed for primary screening test of canine or feline giardia antigen. 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.