Canine Toxoplasma Antibodies Lateral Flow Assay Kit

Catalog No: E-AD-C044

40T

Version Number:	V1.1
Replace version:	V1.0
Revision Date:	2024.3.22

This manual must be read attentively and completely before using this product.

If you have any problems, please contact our Technical Service Center for help.

Toll-free: 1-888-852-8623 Tel: 1-832-243-6086 Fax: 1-832-243-6017
Email: techsupport@elabscience.com
Website: www.vetassay-elab.com

Please kindly provide us the lot number (on the outside of the box) of the kit for more efficient service.

Test principle

This kit applies the principle of Immunochromatography assay. The sample will move together with the colloidal gold marker along the chromatography membrane. If Toxoplasma (TOX) antibody exist in the samples, it will combine with the colloidal gold marker to combine with the TOX antigen, then the detection line will appear a color. Otherwise, it will not show the color reaction.

Kit components

Item	Specification
Detection Card	40T
Buffer Solution	1 vial
Disposable Dropper	2 packages
Manual	1 copy

Note: All reagent bottle caps must be tightened to prevent evaporation and microbial pollution.

Notes

1. FOR RESEARCH USE ONLY. Please read the manual carefully before use, changes of operation may result in unreliable results.
2. Do not use product out of date or in a broken aluminum foil, it is disposable and cannot be used repeatedly.
3. The detection card should be brought to room temperature before opening after take it out from the refrigerator. The opening detection card should be used as soon as possible.
4. Please do not use but not limited to the following liquids for negative control: water, PBS.
5. The tested sample should be fresh and clear. Avoid of using samples of turbidity, polluted, high hemolysis or abnormal viscous.
6. Avoid of touching the chromatography membrane of the sample well and test well.
7. The waste of experiment should be considered as contaminant, and must be properly handled according to the local regulations.
8. **Each reagent is optimized for use in the E-AD-C044. Do not substitute reagents from any other manufacturer into the test kit. Do not combine reagents from other E-AD-C044 with different lot numbers.**

Storage and expiry date

Storage: Store at 2-30℃. With cool and dry environment, avoid freeze.

Expiry date: expiration date is on the packing box.

Sample preparation

1. **Serum/plasma:** Use the conventional method to prepare serum/plasma, the serum/plasma must be clear, no hemolysis and no pollution. To ensure the test results, please try to use fresh samples as much as possible. Samples can be conserved at 2-8℃ in 1 week, and it should be stored at -20℃ for a long term storage.

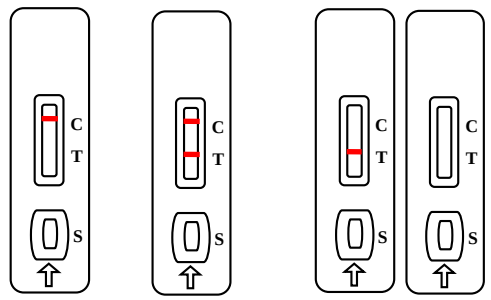
Assay procedure

Allow all kit components and sample to reach room temperature prior to testing.

1. Tear the aluminum foil bag of the detection card and take out the detection card, and put it on a smooth, clean table.
2. Take the sample with the disposable dropper, add 10 μL of **serum** or 20 μL of **plasma** and 2 drops (about 60 μL) of **Buffer Solution** to the sample well vertically and slowly.
3. Incubate for 10 to 15 minutes and then judge the results immediately.

Judgment of result

1. **Negative:** Only the control line region (C) shows a line in the observation well.
2. **Positive:** Both the test line region (T) and the control line region (C) show a line in the observation well.
3. **Invalid:** No line shows in the observation well of the control line region (C).



Negative Positive Invalid

Interpretation of the results

1. For the samples immunized with TOX-Ab vaccine, the level of antibody reflects the immune effect.
2. For the samples that are not immunized with TOX-Ab vaccine, the positive result suggests that it might be infected with TOX-Ab, and the result should be combined with clinical and other methods to analyze.

Limitations

1. This kit can only be used for qualitative detection of TOX-Ab in Canine.
2. The detection results of this kit are only for reference. For confirmation of the result, please combine the symptoms and other methods of detection, this detection cannot be used as the only criteria for result.