

## **Cat Toxoplasmosis Antibodies Lateral Flow Assay Kit**

**Catalog No:** E-AD-C100

40T

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.

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Email: [techsupport@elabscience.com](mailto:techsupport@elabscience.com)

Website: [www.vetassay-elab.com](http://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 Colloidal Gold Immunochromatography assay. The sample will move together with the colloidal gold marker along the chromatography membrane. If Toxoplasmosis (TOX) IgG/IgM antibody exist in the samples, it will combine with the colloidal gold marker and the antigen in the detection line, then it will show a color. Otherwise, it will not show the color reaction.

## Kit components

Item	Specification
Detection card (with disposable dropper )	40T
Buffer Solution	1 vial
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 Do not use product out of date or in a broken aluminum foil, it is disposable and cannot be used repeatedly.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-C100. Do not substitute reagents from any other manufacturer into the test kit. Do not combine reagents from other E-AD-C100 with different lot numbers.

## Storage and expiry date

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

**Expiry date:** expiration date is on the packing box.

## Sample preparation

1. **Serum:** Use the conventional method to prepare serum, the serum must be clear, no hemolysis and no pollution. Samples can be conserved at 2-8°C in 1 weeks, and it should be stored at -20°C for a long term storage.
2. **Abdominal effusion or chest effusion:** Take abdominal effusion or chest effusion of cat, allow samples to be tested directly.

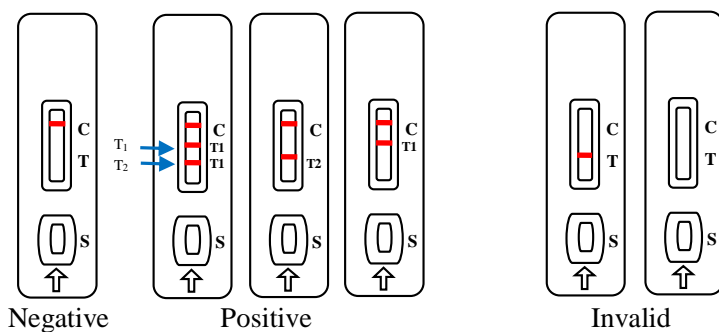
## Assay procedure

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 1 drop of sample and 2 drops of **Buffer Solution** to the sample well (S) vertically and slowly (avoid foaming).
3. Incubate for 5 to 10 minutes and then judge the results immediately

## Judgment of result

1. **Positive:** T1 (IgG) and T2 (IgM) shows a line in the observation well at the same time, or one of T1 (IgG) and T2 (IgM) has red lines and the control (C) line shows a line in the observation well at the same time.
2. **Negative:** Only the control line region (C) shows a line in the observation well.
3. **Invalid:** No line shows in the observation well of the control line region (C).



## Limitations

1. This kit can only be used for qualitative detection of TOX-Ab in Cat.
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.