

Canine Giardia lamblia Antigen Lateral Flow Assay Kit

Catalog No: E-AD-C048

40T

Version Number: V1.0
Replace version: /
Revision Date: 2026.04.02

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.elabscience.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 Immune colloidal gold technique. The sample will move together with the colloidal gold marker along the chromatography membrane. If Canine Giardia lamblia Antigen exist in the samples, it will combine with the colloidal gold marker to make the detection line appear a color. Otherwise, it will not show the color reaction.

Kit components

Item	Specification
Detection Card (with disposable dropper)	40T
Buffer Dropper	40 vials
Manual	1 copy

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 Do not use product out of date or in a broken aluminum foil, it is disposable and cannot be used repeatedly.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-C048. Do not substitute reagents from any other manufacturer into the test kit. Do not combine reagents from other E-AD-C048 with different lot numbers.

Storage and valid period

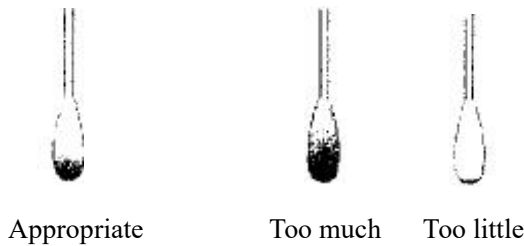
Storage: Store at 2-30°C. With cool and dry environment.

Expiry date: expiration date is on the packing box.

Sample preparation

1. Use a cotton swab to collect freshly excreted fecal samples. Do not collect dry or large viscous fecal samples, as collecting dry feces often leads to false positives due to excessive sample collection. (sample collection affects the detection result, ensure it accurately and adequately).
2. Immediately insert the cotton swab into **Buffer Dropper**, stir the swab vigorously and repeatedly on the test tube wall at least 10 times, and until the sample is dissolved into the buffer fully, cover the dropper cap and discard the swab.

Note: Excessive excrement sample may lead to wrong results (e.g. black band, etc.).

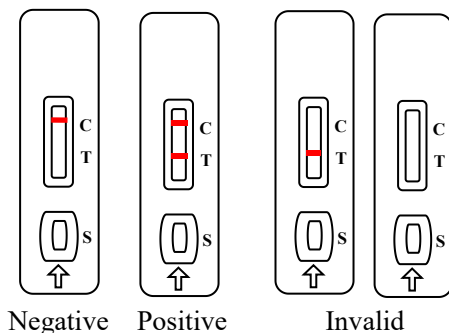


Assay procedure

1. Take out the detection card and put it on a clean table.
2. Add 5 drops of **Buffer Dropper** to the sample well (S) vertically and slowly. The liquid is completely absorbed into the sample well (S).
3. Keep the detection card stand at room temperature for 10~15 min, judge the result. The result is invalid if the time is above 15 min.

Judgment of result

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



Interpretation of the results

1. The negative result reveals that there is no Canine Giardia lamblia Antigen in the sample. If there is a corresponding acute symptom, then Canine Giardia lamblia Antigen cannot be excluded.
2. The positive result reveals that there is Canine Giardia lamblia Antigen in the sample. It might be infected with Canine Giardia lamblia Antigen and the result should be combined with other methods to analyze.

Limitations

1. This kit can only be used for qualitative detection of Canine Giardia lamblia Antigen.
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.