

Canine Leishmania Antibodies Lateral Flow Assay kit

Catalog No: E-AD-C046

50T

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.

Phone: 240-252-7368(USA) 240-252-7376(USA)

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 Leishmania Antibodies exist in the samples, it will combine with the colloidal gold marker to make the detection line appear a purple color. Otherwise, it will not show the color reaction.

Kit components

Item	Specification
Detection Card (with disposable dropper)	50T
Buffer Solution	5 vials
Manual	1 copy

Sample preparation

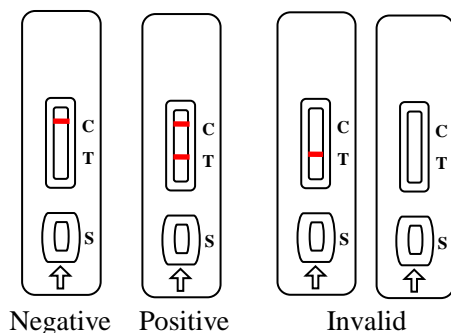
1. Use the conventional method to Canine prepare serum or plasma, the serum or plasma must be clear, no hemolysis and no pollution .
2. Bring all reagents to room temperature for 30 min before use.

Assay procedure

1. Take out the detection card and put it on a clean table.
2. Take the sample supernatant with the disposable dropper, add 10 μ L of sample and add 3 drops (80 μ L) of Sample diluent 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 5~10 min, judge the result. The result is invalid if the time is above 10 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 Leishmania Antibodies in the sample. If there is a corresponding acute symptom, then Canine Leishmania infection cannot be excluded.
2. The positive result reveals that there is Canine Leishmania Antibodies in the sample. It might be infected with Canine Leishmania and the result should be combined with other methods to analyze.

Limitations

This kit can be used for detection of Canine Leishmania Antibodies only.

Notes

1. Please read the manual carefully before use. All kinds of reagents provided in this kit are only for this experiment.
2. Do not use product out of date or in a broken aluminum foil.
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. Do not use deionized water, tap water or saline solution as the negative control.
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.

Storage and valid period

Storage: Store at 2-30℃ with dry condition.

Valid Period: 2 years, expiration date is on the packing box.