

Instructions for Use

Version: 1.0.1
Revision date: 2-Feb-23

Dog Toxoplasma Gondii Antibody Rapid Test Kit

Catalog No.: abx092118

Size: 40 tests

Storage: Store all reagents at 2-30 °C. Keep dry. Avoid freezing.

Application: For qualitative detection in Dog serum and plasma.

Introduction and assay principle

Abbexa's Dog Toxoplasma Gondii Antibody Rapid Test Kit is based on the gold immuno-chromatography assay (GICA) principle. Any Dog Toxoplasma Gondii antibodies present in the samples will combine with the colloidal gold particle markers as they move along the detection membrane. When the concentration of Dog Toxoplasma Gondii Antibody in the sample is more than the detection limit, there is a color change in the detection line and the result is positive. When the concentration of Dog Toxoplasma Gondii Antibody in the sample solution is less than the detection limit, there is no color change in the detection line and the result is negative.

Kit Components

- Test cassettes with pipettes: 40
- Sample diluent: 1 vial
- Disposable dropper: 1 pack

Material Required But Not Provided

- Timer

Sample preparation

- **Serum/Plasma:** Prepare according to conventional methods, to provide a clear supernatant for analysis. Fresh samples can be stored for up to 1 week at 4°C. For longer term storage, keep at -20°C. Bring all samples to room temperature before use.

Assay procedure

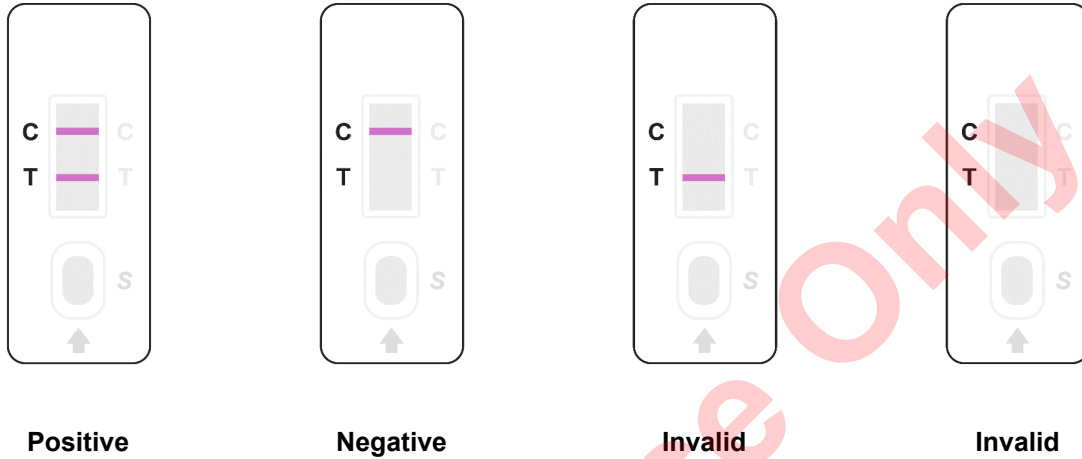
1. Take a test cassette and lay it flat on a clean table.
2. Using the provided pipette, slowly and vertically add 10 µl of serum or 20 µl of plasma sample to the sample well.
3. Using the provided pipette, slowly and vertically add 2-3 drops (approximately 60 µl) of diluted sample to the sample well on the test cassette. Avoid foaming. Take care not to contaminate the stock of Sample Diluent with sample.
4. Leave at room temperature for 10 – 15 minutes, then analyze the result.

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Results analysis

- **Positive result:** A colored line is observed in both the control (C) section and the test (T) section.
- **Negative result:** A colored line is observed in the control (C) section but not the test (T) section.
- **Invalid result:** No colored line is observed in the control (C) section.



Notes

1. The test cassettes should be brought to room temperature before use.
2. After opening the aluminum foil, use the test cassette as soon as possible.
3. Samples should be clear with no visible particles, turbidity, or bacterial pollution.
4. Do not mix or re-use the disposable pipettes to avoid cross-contamination.
5. Do not use water, PBS, or similar solutions as the negative control.
6. Avoid touching the cassette membrane through the sample well or test result window.
7. This kit is for qualitative detection of Dog Toxoplasma Gondii antibodies in dog serum and plasma samples. For other sample types, a preliminary experiment is recommended to determine compatibility with this kit.
8. This kit is for research use only.
9. All waste should be disposed appropriately. Please note that you may need to follow special waste disposal procedures for infectious samples. Please check local disposal regulations.