

Instructions for Use

Version: 2.0.2
Revision date: 29-Jul-24

Rabies Virus Antigen Rapid Test Kit

Catalog No.: abx092033

Size: 40 tests

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

Application: For the qualitative detection of Rabies Virus in Dog and Cat saliva.

Introduction and assay principle

Abbexa's Rabies Virus Antigen Rapid Test Kit is based on the gold immuno-chromatography assay (GICA) principle. Any Rabies Virus (RBV) antigen present in the samples combines with the colloidal gold particle-labelled Rabies Virus antibody. When the concentration of Rabies Virus antigen 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 Rabies Virus antigen 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: 40 vials
- Cotton swabs

Material Required But Not Provided

- Timer

Sample preparation

- **Saliva:** Using a sterile cotton swab, take a sample of saliva directly from the mouth of the animal to be tested. Immediately insert the swab into a fresh vial of Sample Diluent. Mix until the sample has fully dissolved. Wipe the cotton swab against the wall of the vial, then dispose of the swab. Allow the sample solution to stand at room temperature before assaying.

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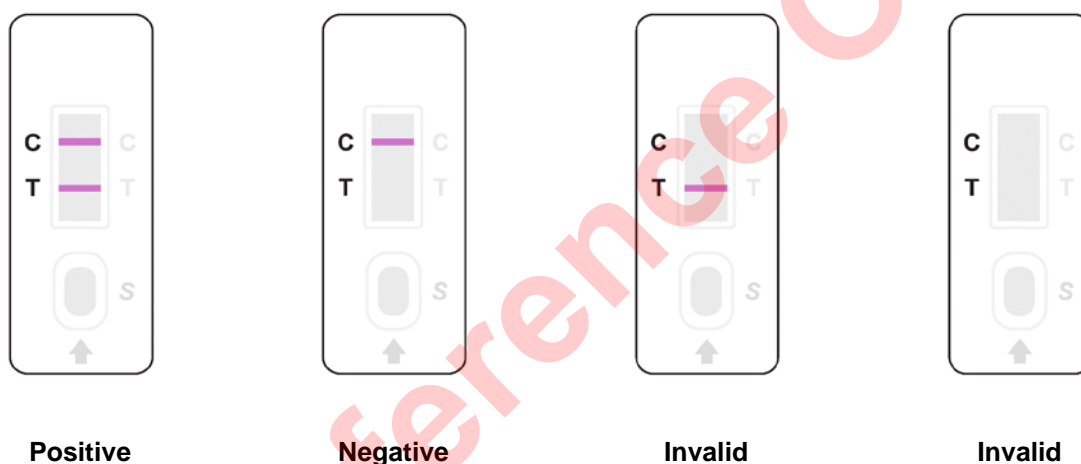
Assay procedure

Bring all components to room temperature before use.

1. Take a test cassette and lay it flat on a clean table. 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.
2. Leave at room temperature for 10-15 minutes, then analyze the result.

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. Do not freeze.
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 Rabies Virus Antigen in dog and cat saliva samples. For other sample types, a preliminary experiment is recommended to determine compatibility with this kit. Positive samples should be tested with another method (e.g. HPLC, LC/MS) for quantitative results.
8. This kit is for research use only and the results are for reference only. It is recommended to use this kit in conjunction with another detection method.
9. All waste should be disposed of appropriately. Please note that you may need to follow special waste disposal procedures for infectious samples. Please check local disposal regulations.