

Instructions for Use

Version: 1.0.1
Revision date: 8-Mar-24

Canine Influenza Antigen Rapid Test Kit

Catalog No.: abx092137

Size: 40 tests

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

Application: For qualitative detection of Canine Influenza in dog pharyngeal and nasal secretions.

Introduction and assay principle

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

Material Required But Not Provided

- Timer

Sample preparation

- **Pharyngeal and nasal secretions:** Use a swab to collect pharyngeal secretions or nasal secretions. Insert the swab into a sample diluent vial. Mix until the sample has dissolved (approximately 10 seconds). Allow the sample diluent to stand for 1 minute.

Assay procedure

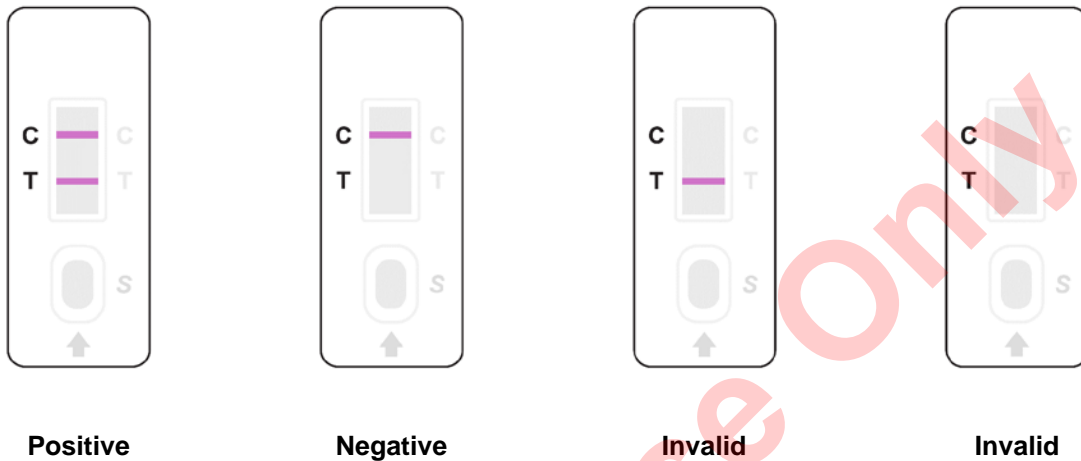
1. Take a test cassette and lay it flat on a clean table. Using the provided pipette, slowly and vertically add 5 drops (approximately 100 µl) of diluted sample to the sample well on the test cassette. Avoid foaming.
2. Leave at room temperature for 10-15 min, then analyze the result.

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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 Canine Influenza Antigen in dog pharyngeal secretion and nasal secretion samples. For other sample types, a preliminary experiment is recommended to determine compatibility with this kit.
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.

Technical Support

For troubleshooting and technical assistance, please contact us at support@abbexa.com.