

Instructions for Use

Version: 1.0.1

Feline Coronavirus Antigen Rapid Test Kit

Catalog No.: abx092135

Size: 40 tests

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

Application: For qualitative detection in cat feces.

Introduction and assay principle

Abbexa's Feline Coronavirus Antigen Rapid Test Kit is based on the gold immuno-chromatography assay (GICA) principle. The cassette contains a colloidal gold marker which combines with any Feline Coronavirus Antigen present in the samples. The complex binds with the antibody coated on the test region of the cassette. A colored band develops within 15 minutes in the test region if the concentration of Feline Coronavirus Antigen in the sample is higher than the detection limit. A control region on the upper end of the cassette confirms if the test has been successful.

Kit components

- Test cassettes (packaged in foil pouches containing disposable pipettes): 40
- Cotton Swabs: 40
- Sample Diluent: 40 vials

Sample preparation

1. Use a cotton swab to collect fecal samples that have just been excreted, or collect samples directly from the rectum. If rotavirus screening is performed on animals without diarrhea symptoms, rectal sampling should be used. Dry fecal samples are not recommended as this can cause false positive results due to excessive sample collection.
2. Immediately insert the swab into a Sample Diluent vial. Mix until the sample has fully dissolved. Wipe the cotton swab against the wall of the tube, then carefully discard it.
3. Allow the mixture to stand for 1 minute.

Assay procedure

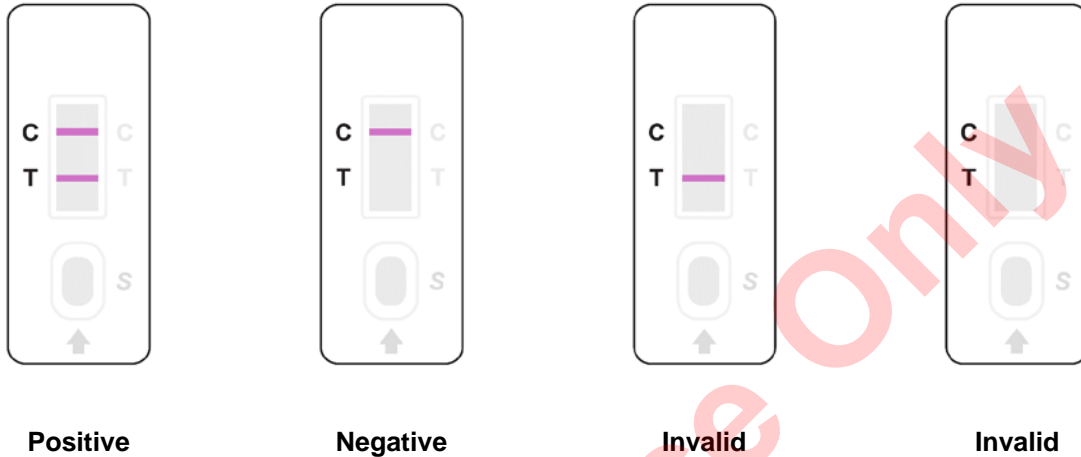
1. Take a test cassette and lay it flat on a clean table.
2. Add 5 drops (approximately 100 µl) of diluted sample to the sample well using the provided pipette.
3. Leave at room temperature for 10-15 min, then analyze the result.

Instructions for Use

Version: 1.0.1

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.



Positive

Negative

Invalid

Invalid

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 Feline Coronavirus Antigen in cat fecal samples.
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 appropriately. Please note that you may need to follow special waste disposal procedures for infectious samples. Please check local disposal regulations.