

Dynamiker Pets Biotechnology (Tianjin) Co., Ltd.

Feline Corona Virus Antigen Rapid Test

Catalogue No: DNP-505

User Manual / 10 tests

1. INTENDED USE

The Feline Corona Virus Antigen Rapid Test is a test cassette to detect the presence of Feline Corona virus antigen (FCoV Ag) in cat's feces or vomit specimen, to provide a reference for diagnosis of Feline Infectious Peritonitis (FIP) infection.

Assay Time: 5-10 minutes

Specimen: feces or vomit.

2. PRINCIPLE

The Feline Corona Virus Antigen Rapid Test is based Corona Virus sandwich lateral flow immunochromatographic assay. The test cassette has a testing window for the observation of assay running and result reading. The testing window has an invisible T (test) zone and a C (control) zone before testing. When the treated sample was applied into the sample well on the cassette, the liquid will laterally flow through the surface of the test strip and react with the pre-coated monoclonal antibodies. If there is FCoV antigen in the specimen, a visible T line will appear. The C line should always appear after a sample is applied, which indicates a valid result. By this means, the cassette can accurately indicate the presence of FCoV antigen in the specimen.

3. REAGENTS AND MATERIALS

Components	Quantity
Test Cassette in Foil Bag	10 Tests
Desiccant in Foil Bag	10 Pcs
Disposable Dropper in Foil Bag	10 Pcs
Assay Buffer	10*1.0 mL
Cotton Tipped Applicator	10 Pcs
User Manual	1 Pc

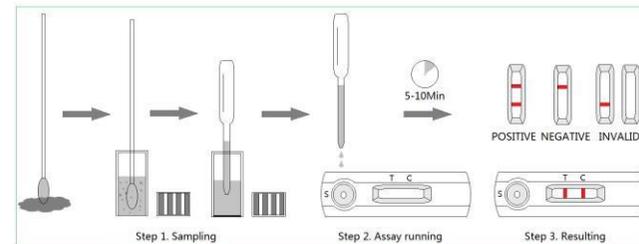
4. STORAGE AND STABILITY

The kit can be stored at room temperature (4-30°C). The test kit is stable through the expiration date (24 months) marked on the package label. **DO NOT FREEZE.**

Do not store the test kit in direct sunlight.

5. TEST PROCEDURE

- 5.1 Collect cat's fresh feces or vomit with the cotton tipped applicator from cat's anus or from the ground.
- 5.2 Insert the applicator into the provided assay buffer tube.
- 5.3 Agitates it to get efficient sample extraction.
- 5.4 Take out the test cassette from the foil bag and place it horizontally.
- 5.5 Pipette the treated sample extraction from the assay buffer tube and place 3 drops into the sample well labelled "S" of the test cassette.
- 5.6 Interpret the result in 5-10 minutes. Result after 10 minutes is considered as invalid.



6. INTERPRETATION OF RESULTS

- Positive (+): Presence of both "C" line and "T" line, no matter "T" line is clear or vague.
- Negative (-): Appearance of single "C" line. No red "T" line.
- Invalid: No red "C" line appears. No matter if "T" line appears.

7. PRECAUTIONS

- All reagents must be at room temperature before testing.
- Do not remove test cassette from its bag until immediately before use.
- Do not use the test beyond its expiration date.
- The components in this kit have been quality control tested as standard

batch unit. Do not mix components from different lot numbers.

- All specimens are of potential infection. It must be strictly treated according to the rules and regulations by local states.

8. LIMITATION

The Feline Corona Virus Antigen Rapid Test is for in vitro veterinary diagnosis use only. All result should be considered with other clinical information available with veterinarian. It is suggested to apply a further confirmative method such as RT-PCR when positive result was observed.

9. MANUFACTURER

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[SYMBOLS USED]

Symbol	Description
	Use-by date
	Lot Number
	Manufacture Date
	Keep Away from Sunlight
	Temperature Limitation

REVISED: 04/2023