

### +Introduction

**Feline panleukopenia virus (FPV)+Feline coronavirus (FCoV)+Giardia Antigen Rapid Test kit** is a chromatographic immunoassay for the qualitative detection of feline **FPV+FCoV+GIA Ag** in feline feces.

When a sample derived from feces is added into sample-well on the card, it can move along membrane with underlying anti-FCoV/FPV/GIA monoclonal antibody conjugated by colloid gold. If FCoV/FPV/GIA antigens being present in samples, they can combine with the antibodies immobilized on test line and a wine-red line will appear in a few minutes. If no FCoV/FPV/GIA antigens are present in samples, then color reaction won't appear.

### +Components

1	FCov+FPV+GIA Ag Device	10
2	Flocked Swab	10
3	Dilution Buffer with Dropper	10
4	Reagent Rack	1
5	Instruction	1

### +Notice

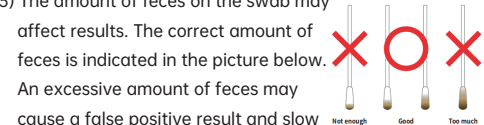
- 1) DO NOT use the test device if its foil pouch is broken. Make sure use the device within 1 hour after open the pouch.
- 2) Collected sample should be tested as soon as possible.
- 3) Make sure sample is collected and extracted correctly, to avoid false result.
- 4) Avoid bubble when dropping sample to the device.
- 5) DO NOT use if the product is expired.
- 6) DO NOT use or mix the buffer solution from a different test kit.
- 7) Make sure the used test device is treated properly according to the local biosafety regulations.

### +Storage and Stability

- 1) Store the test kit at 2~30°C. DO NOT FREEZE.
- 2) Do not store the test kit in the direct sunlight.
- 3) The test kit is stable within the expiration date marked on the package label.

### +Collection and Preparation of Sample

- 1) Canine feces swab should be used for this test.
- 2) The samples should be tested immediately after collection.
- 3) The amount of feces on the swab may affect results. The correct amount of feces is indicated in the picture below.



An excessive amount of feces may cause a false positive result and slow sample migration.

## +Test Procedure

1) Use swabs collect fresh feces as sample, or directly collect from the rectum. For screening FCov/FPV/GIA in Feline without diarrhea, Collect sample from rectal not feces.



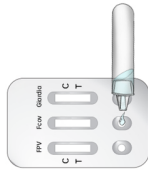
2) Insert swab into buffer tube and stir to make sample released sufficiently, squeeze out the fluid in swab on the test tube wall as much as possible and discard the swab.



3) Mount the dropper on the buffer tube.



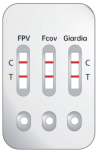
4) Take out the test device from the foil pouch and put on a flat surface, add 5 drops of samples into sample well marked "S" on the device.



5) Place the device on a flat surface upward and wait for 10-15 minutes. During this period, wine-red fluid flow over the membrane inside the window can be observed. If no flow is observed, gently press the position between sample well and window to help the fluid flow.



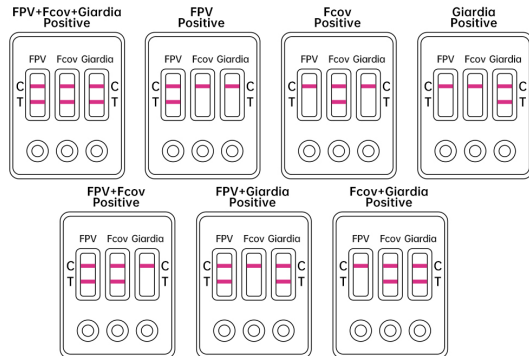
6) Read the result of color change in T line and C line within 15 minutes. Color change after 15 minutes is not valid result.



## +Interpretation of the Result

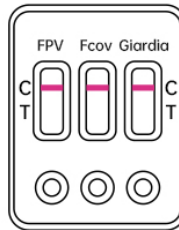
### 1) Positive result

Wine-red color line appeared on both T and C line, indicate specimen contains FCov (or FPV GIA) virus antigen.



### 2) Negative result

No color appeared on T line, wine-red color appeared on C Line. Indicate FCov (or FPV GIA) antigen concentration is out of test's limit, further clinical approach may be considered.



### 3) Invalid result

No color appears on C Line. Indicate something wrong with the test kit or operation. The result shall not be considered as valid.

