

RIDX™

FCoV Ag Test Kit

Feline coronavirus (FCoV) is a common infectious virus in cats and kittens that causes asymptomatic or mild diarrhea. But these signs are also associated with a lethal systemic disease, feline infectious peritonitis.

The RIDX™ FCoV Ag Test Kit is a diagnostic reagent that can quickly and easily detect FCoV antigen in feline feces 10 minutes after dropping the sample.

Principal: Chromatographic immunoassay for the qualitative test
Specimen: Feline feces

Components

- FCoV Ag test device (10 or 2 tests)
- Sample dilution buffer (10 or 2 vials)
- Disposable swab (10 or 2 ea)
- Disposable dropper (10 or 2 ea)

Features

Sensitivity 92.9% (13/14) vs. RT-PCR

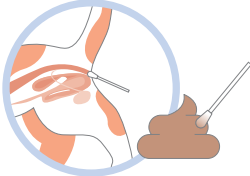




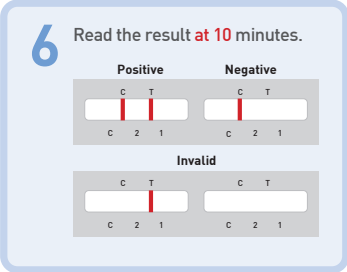
Specificity 98.1% (52/53) vs. RT-PCR

Limit of Detection 1.97 x 10⁴ TCID₅₀/ml

No **cross-reactivity** with other feline pathogens (FCV, FeLV, FPV, *E. coli*, *Giardia*, and *Salmonella*)



Test Procedure

- Using a swab to collect sample in the anus or feces. 
- Put the swab into the sample dilution buffer and stir the sample with the swab. 
- Remove the swab from the sample dilution buffer. 
- Place the tube until the large particles are down. 
- Take the supernatant using a dropper. Apply 4 drops of the sample solution into the sample hole on the device. 
- Read the result at 10 minutes. 

The diagram for step 6 shows three possible results on the test device:

 - Positive:** Two red lines are visible, one in the 'C' (Control) window and one in the 'T' (Test) window.
 - Negative:** Only one red line is visible in the 'C' (Control) window.
 - Invalid:** No red lines are visible in either the 'C' or 'T' windows.

CAT No.	Description	LIC No.	Type	Package size
CGM-FCG-11	RIDX FCoV Ag Test Kit	300-010	LFA*	10 Tests/Kit
CGM-FCG-12				2 Tests/Kit

* LFA: Lateral flow assay