

RIDX®

FPV/FCoV/Giardia Ag 3Dx Kit

The RIDX® FPV/FCoV/Giardia Ag 3Dx Kit is a diagnostic kit that can quickly and easily detect FPV (Feline parvovirus, synonym of feline panleukopenia virus), FCoV (Feline coronavirus), and Giardia antigens in feline feces within 10 minutes after dropping the samples.

Principal: Chromatographic immunoassay for the qualitative test

Specimen: Feline feces

Components

FPV/FCoV/Giardia Ag 3Dx device (10 or 2 tests)
 Sample dilution buffer for FPV & FCoV tests (10 or 2 vials)
 Sample dilution buffer for Giardia test (10 or 2 vials)
 Disposable swab (20 or 4 ea)
 Disposable dropper (20 or 4 ea)
 Instructions for use (1 sheet)



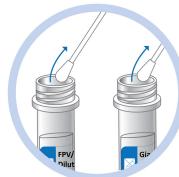
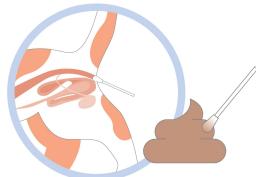
Features

Sensitivity FPV 97.4% (76/78) vs. PCR, FCoV 92.9% (13/14) vs. PCR, Giardia 97.1% (34/35) vs. disease status
Specificity FPV 98.4% (123/125) vs. PCR, FCoV 98.1% (52/53) vs. PCR, Giardia 96.5% (109/113) vs. disease status
Limit of Detection FPV $1 \times 10^{5.5}$ TCID₅₀/ml, FCoV 1.97×10^4 TCID₅₀/ml, Giardia 1.25 Cysts/ml
No cross-reactivities with other feline pathogens



Test Procedure

- 1 Using a swab to collect sample in the anus or feces.
- 2 Put the swabs into the sample dilution buffers and stir each sample solution with the swab.
- 3 Remove the swabs from the sample dilution buffer tubes.



- 4 Place the tubes until the large particles are down. After 20 seconds, take the supernatant using the droppers from each tube.
- 5 Apply 4 drops of the sample solution into each sample hole on the device. (S1 & S2 for FPV/FCoV samples, S3 for Giardia Sample)
- 6 Read the result at 10 minutes.



Positive	Negative
C T	C T
C 2 1	C 2 1
Invalid	
C T	C T
C 2 1	C 2 1

CAT No.	Description	LIC No.	Type	Package size
CGM-FTG-32	RIDX FPV/FCoV/Giardia Ag 3Dx Kit	300-029	LFA*	10 Tests/Kit
CGM-FTG-33				2 Tests/Kit

* LFA: Lateral flow assay