

Feline Coronavirus Ag Rapid detection test



One step Rapid Immuno-chromatographic test for the detection of Feline Coronavirus Antigen in Feces.

Feline Coronavirus (FCV) is a highly contagious virus mainly affecting dogs. The disease is highly contagious and is spread from dog to dog by direct or indirect contact with their feces. The clinical symptoms appear usually 3-7 days post infection. The common signs of the infection are severe vomiting and dysentery. Treatment often involves veterinary hospitalization. Vaccines can prevent this infection. Feline Coronavirus was originally thought to cause serious gastrointestinal disease, but now most cases are considered to be very mild or without symptoms. A more serious complication of feline coronavirus occurs when the dog is also infected with feline parvovirus. Coronavirus infection of the intestinal villi makes the cells more susceptible to parvovirus infection. This causes a much more severe disease than either virus can separately

quickVET FCV Antigen Rapid Test utilizes Monoclonal anti-FCV antibody to capture the antigen present in the feces. The captured viral antigens are detected using colloidal gold conjugated detection antibody.

Test Procedure



Feces Collection



Collect suspension



3 drop to device



Positive



Negative



Invalid

Test Interpretation

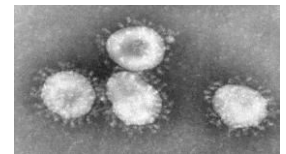
Assay Overview

- quickVET FCV Ag a test uses two Highly specific Monoclonal antibodies
- The Virus in the sample react with colloidal gold conjugated detection antibody on conjugate pad
- This labelled antigen-antibody complex is captured by the test area forming a red line.

Organism detected	Feline Coronavirus
Sample type	Feces
Shelf Life	24 months
Storage	2-30 °C
Capture Antibody	Monoclonal Anti-FCV Antibodies
Sensitivity	94 %
Specificity	96.8 %
Comparison Test	HA
Detection Limit	6.16X10³ TCID₅₀/ml
Species	Feline
Packing	1T,10T,30T, Bulk, Uncut sheets
Ref. No	Q012-02
Cross Reactivity	No Cross Reactivity with FPV

Rapid FCV Testing

- Quick results available in just a few minutes.
- Require no instrumentation.
- Easy to use.
- Kennel side/Point of Care test
- No capital expenditure.
- Do not require refrigerated storage..



Why FCV Antigen Test?

- Differential diagnosis of Diarrhoea: implementation of strict isolation and disinfection measures.
- Infection Control in Kennels and group boarding.
- Vigilance programs and epidemiological studies.
- Detect virus within 3 days post infection.
- Can be used for Prognostic purpose during treatment