

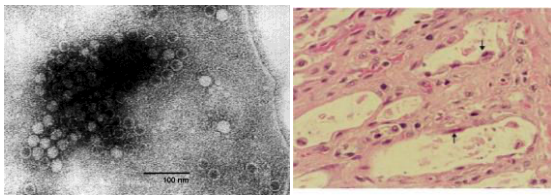
Feline Panleukopenia Ag

Rapid detection test



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

Feline panleukopenia virus (FPV), is a viral infection affecting cats, both domesticated and wild feline species. It is caused by feline parvovirus, a close relative of both type 2 canine parvovirus and mink enteritis. Once contracted, it is highly contagious and can be fatal to the affected cat. The disease is highly contagious and is spread from cat to cat by direct or indirect contact with their feces. The clinical symptoms appear usually 7-10 days post infection. The virus primarily attacks the lining of the gastrointestinal tract, causing internal ulceration and, ultimately, total sloughing of the intestinal epithelium. This results in profuse and usually bloody diarrhea, severe dehydration, malnutrition, anemia, and often death. It causes a decrease in the cat's white blood cells, thus compromising its immune system. Typically, it also causes a decrease in hematocrit and platelet counts on a complete blood count. This is often key in diagnosing panleukopenia. Feline panleukopenia requires aggressive treatment if the cat is to survive, as this disease can kill cats in less than 24 hours



quickVET FPV Antigen Rapid Test utilizes Monoclonal anti FPV 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



Assay Overview

- quickVET FPV 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 Parvo Virus
Sample type	Feces
Shelf Life	24 months
Storage	2-30 °C
Capture Antibody	Monoclonal Anti-FPV Antibodies
Sensitivity	99.5%
Specificity	98.5%
Comparison Test	HA
Detection Limit	0.5 HAU
Species	Canine
Packing	1T,10T, Bulk, Uncut sheets
Ref. No	Q049-01
Cross Reactivity	No Cross Reactivity with FeCV.

Rapid FPV 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 FPV 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



Positive



Negative



Invalid

Test Interpretation