

Feline Panleukopenia Virus Antigen Rapid Test (FPV Ag)

Intended use

The Feline Panleukopenia (Parvovirus) Antigen Rapid Test is a lateral flow immunochromatographic assay for the qualitative detection of Feline Parvovirus antigen (FPV Ag) in cat's feces. Assay Time: 5-10 minutes.

Principle

The Feline Panleukopenia (Parvovirus) Antigen Rapid Test is based on sandwich lateral flow immunochromatographic assay. The test device has a testing window for the observation of assay running and result reading. The testing window has an invisible T (test) zone and a C (control) zone before running the assay. When the treated sample was applied into the sample hole on the device, the liquid will laterally flow through the surface of the test strip and react with the pre-coated monoclonal antibodies. If there is FPV Ag in the specimen, a visible T line will appear. The C line should always appear after a sample is applied, which indicates a valid result. By this means, the device can accurately indicate the presence of FPV Ag in the specimen.

Reagents and materials

- Test devices, with disposable droppers
- Assay buffer
- Cotton swabs
- Products Manual

Storage and stability

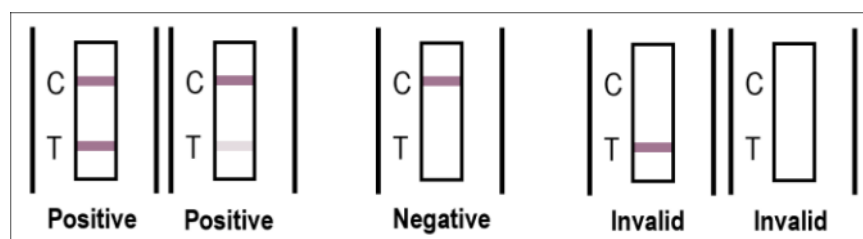
The kit can be stored at room temperature (4-30 °C). The test kit is stable through the expiration date marked on the package label. DO NOT FREEZE. Do not store the test kit in direct sunlight.

Test procedure

- Collect cat's fresh feces with the cotton swab from cat's anus after defecation or from the ground.
- Insert the swab into the provided assay buffer tube. Agitate it to get efficient sample extraction.
- Take out the test device from the foil pouch and place it horizontally.
- Suck the treated sample extraction from the assay buffer tube and place 3 drops into the sample hole of the test device.
- Interpret the result in 5-10 minutes. Result after 10 minutes is considered as invalid.

NOTE: If the liquid will not flow through the surface of the test strip in 30 seconds, please add another drop of the treated sample extraction.

Interpretation of results



Positive (+): The presence of both "C" line and zone "T" line, no matter if "T" line is clear or vague.

Negative (-): Only clear C line appears. No "T" line.

Invalid: No colored line appears in "C" zone. No matter if "T" line appears.

Precautions

- All reagents must be at room temperature before running the assay.
- Do not remove test cassette from its pouch until immediately before use.
- Do not use the test beyond its expiration date.
- The components in this kit have been quality control tested as standard batch unit. Do not mix components from different lot numbers.
- All specimens are of potential infection. It must be treated according to the local rules and regulations.

Limitation

Feline Panleukopenia (Parvovirus) Antigen Rapid Test is for in vitro veterinary diagnosis use only. All results should be considered with other clinical information available from veterinarians. It is suggested to apply a further confirmative method when positive results are observed.

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