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Rapid test for the detection of the Feline Panleukopenia virus antigen in cats.

Instructions for use / protocol

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Intended use of the rapid test:

This rapid test is intended as a practical/routine test that can be performed in just a few minutes. Using a quick immunochromatographic test, the Feline Panleukopenia virus antigen in your sample can be detected.

Contents:

- 1x pouch, each containing 1 test strip, 1 pipette, and 1 swab
- 1x micro tube with buffer
- 1x instructions for use/protocol

Storage and use:

The rapid test can be stored at temperatures between 4°C and 21°C. An unopened package can be used until the stated expiration date. Once opened, the rapid test must be used immediately. Avoid freezing or overheating the rapid test. Prolonged exposure to undesirable environmental temperatures may lead to reduced performance of the rapid test.

Test material:

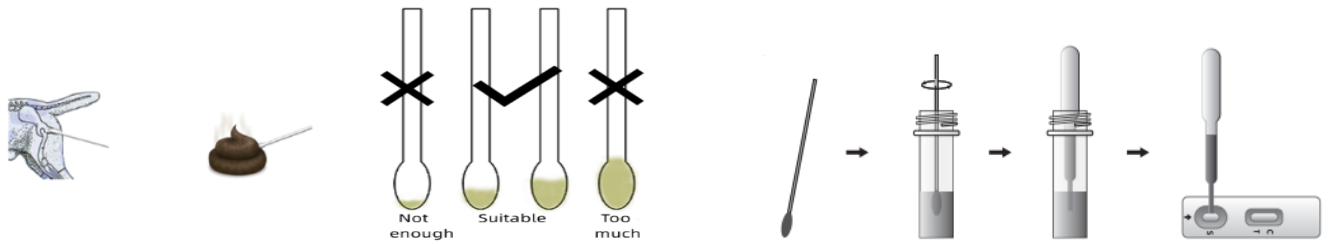
It is recommended to collect the sample from the feces or a rectal swab sample from the animal to be tested. Tissue culture samples can also be tested. It is advised to test the samples as concentrated as possible. It is recommended to test the samples immediately after collection. If stored for an extended period, the samples should be kept at a temperature below -20°C.

Precautions:

- Treat all samples as if they may transmit infectious diseases.
- Avoid contact between the pipette and the mouth/eyes.
- Avoid eating, drinking, smoking, or applying cosmetics around the work area with the sample/test strip.
- Do not use components that have exceeded their expiration date, and do not mix components from different lot numbers.
- Optimal results are obtained by strictly following this protocol. Careful pipetting and sampling according to the protocol are essential to ensure accuracy.
- The test strip is used as an optical reference after application. Therefore, do not touch the surface of the test strip and protect it from damage and contamination.

Test protocol:

1. Open the packaging and check that the rapid test is complete (test strip, pipette, and swab). Only open the number of pouches that will be used. An opened package must be used immediately.
2. Take a single sample per swab.
3. Place the swab into the micro tube and dissolve the sample in the liquid.
4. Allow the liquid to drip out of the swab so that as much liquid as possible remains in the micro tube.
5. Let the solution stand for a while so that solid particles can settle to the bottom. If this takes too long, it is recommended to centrifuge the solution.
6. Take the pipette and aspirate as much of the liquid (top, clear layer of the solution, excluding the solid particles) as possible.
7. Pipette 3 to 4 drops of the liquid onto the test strip in the "S" zone.
8. Let the liquid react for 5-10 minutes and then read the results (see: interpretation of the test results). After 20 minutes, the test result is no longer reliable.



Animal species: Feline

Sample type: Feces

Sample volume: 3-4 drops

Reaction time: 5-10 minutes

Characteristics:

Accuracy: 98.6%

Sensitivity: 99.0%

Specificity: 98.4%

Interpretation of the test results:

To confirm the presence/absence of the Feline Panleukopenia virus antigen, a control line must always appear in the control zone (C). If no control line is visible, the test should be considered invalid. Results should be read within the specified time frame. Invalid tests must be repeated with a new test.

Positive result (Parvovirus is present):

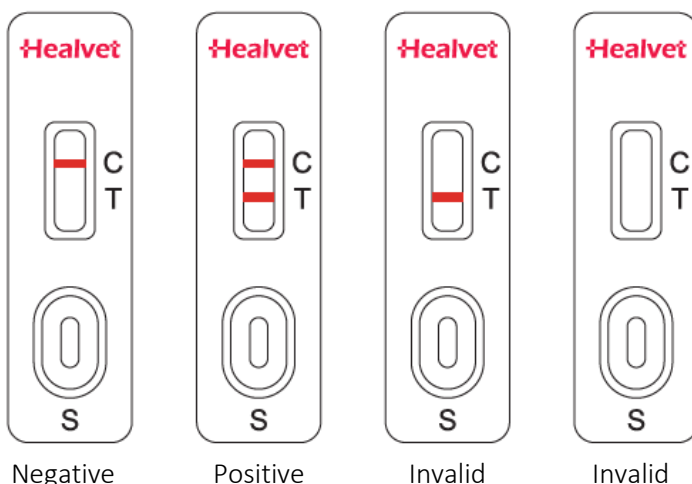
Two bands are visible in the "T" and "C" zones (see figure 4). The sample contains the Feline Panleukopenia virus antigen.

Negative result (Parvovirus is absent):

Only one band is visible in the "C" zone (see figure 6). The sample does not contain the Feline Panleukopenia virus antigen.

Invalid result:

No band is visible in the "C" zone. The result is invalid. Repeat the rapid test.



Important: Sick animals that test negative should be retested within 2-3 weeks.