

Feline Blood Type Rapid Test Kit

Product Number: VPZ3009

Product Unit: 10T

for veterinary and professional testing only

1. Precaution

- a) This kit is designed for feline blood type A, B and AB testing using feline blood sample. Make sure you are fully aware of the intended use.
- b) Check the kit package carefully and read this instruction through to confirm the validity of the kit, and the appearance of the package. Only valid kit can be used.
- c) If any damage or leakage were found, please contact your vendor for replacement. Do not use in test unless otherwise agreed by the vendor.
- d) All samples collected may be contagious, please handle carefully according to local laws and regulations. Used test kit and tested sample shall be handle carefully to avoid further contamination.
- e) The test cassette and the buffer shall be used within 10min after opening the foil package. Do not open it without planned experiment.
- f) Do not use component from other sources, otherwise the result is not valid.
- g) The kit is designed for single use, do not use repeatedly.

2. Principle and application

The kit is based on immunochromatographic assay to detect feline blood type A, B and AB antigen in blood sample, which is rapid, accurate and easy-to-operate.

3. Kit Components

- a) Test Cassette, 10 pcs,
- b) Sample buffer, 10 pcs, 1ml/vial.
- c) Disposable pipette, 10 pcs,
- d) Kit instruction, 1 pc

4. Test Steps

- a) Collect blood sample into EDTA tube, and then run the test.
- b) Take the needed test cassette, plastic pipette.
- c) Take the 50 μ l blood with plastic pipette provided in the kit and add into the sample buffer tube. Mix thoroughly.
- d) Run the testing within 20min after dilution of blood.
- e) Add 3 drops (around 75 μ l) of sample solution into the sample well A and sample well B, on the test card.
- f) Wait for 10 minutes, then observe the results.

Note: Result over 20min will be invalid.

5. Result interpretation

There are 2 lines on the cassette, Control Line (Line C) and Test Line (Line T). Line C is used for quality control.

Blood type A:

On A card, line C and Line T are visible.

On B card, line C is visible and Line T is invisible.

Blood type B:

On A card, line C is visible and Line T is invisible.

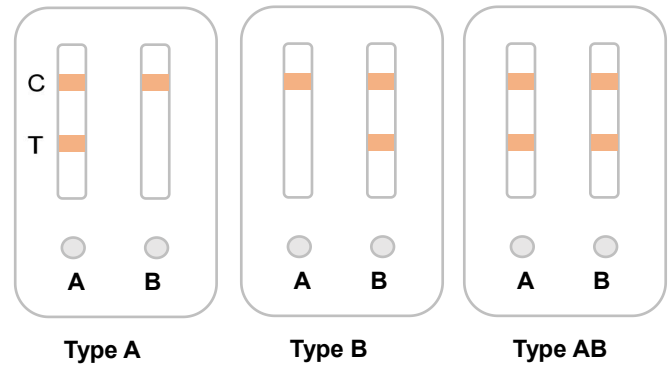
On B card, line C and Line T are visible.

Blood type AB:

On A card, line C and Line T are visible.

On B card, line C and Line T are visible.

INVALID Line C is invisible on Test A or Test B, in this case, please run the test again with new cassette.



6. Sensitivity and specificity

The kit is 100% sensitive to red blood cell antigen A and B, the specificity is 100%.

The kit does NOT detect antigens of other feline viruses such as FPV, FHV or FCV etc.

7. Limitation of the methodology

- The kit is for testing of fresh EDTA blood sample only. All samples shall be tested within 24 hours after collection. Do not freeze. Samples with clot or higher fat or with other abnormal situations can not be used.
- Diluted sample needs to be tested within 20min after dilution. Otherwise please dilute again with new sample.
- During the test, observe the result within 20min after adding sample. Otherwise please run the test again.
- The diluted sample is also known as red blood cell suspension. It should come without hemolysis. If there is hemolysis in sample, it can not be used to run the test.
- All components inside the kit can only be used for once. Do not use repeatedly.
- For cats with autoimmune diseases, this kit can not be used due to interference with the antibodies.
- Do not mix components from different lot of kits. Do not use expired kits.

8. Storage and validity

The kit is valid for 12 months when stored at 2-30°C in dry and dark place. Do not freeze. Avoid direct sunlight. Production date and expiry information are printed on the package.