

Canine/Feline Relaxin [Pregnancy] Test Card

For veterinary use only

1. Precaution

- a) The kit is to detect canine/feline relaxin (RLN) in canine/feline serum or blood on 25 days after breeding, please 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, the buffer and swab shall be used within 5min 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 one single use, do not use repeatedly.

2. Principle and application

The kit is based on sandwich immunochromatographic assay, to detect RLN in canine/feline serum or blood, which is rapid, accurate and easy-to-operate.

3. Kit Components

- a) Test Cassette
- b) Sample buffer
- c) Disposable pipette

4. Test Steps

- a) Take the needed test cassette, plastic pipette.
- b) Add 1 drop (10µl) serum/plasma or whole blood into the sample well, then add 3 drops sample buffer into the sample well on the test card.
- c) Wait for 10-15 minutes, then observe the results.

Note: Result over 15min will be invalid.

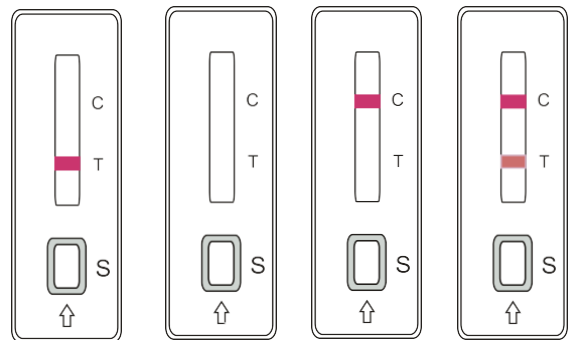
5. Result interpretation

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

INVALID Line C is invisible, please run the test again with new cassette.

NEGATIVE Only Line C is visible, Line T is not visible. Line C

POSITIVE and Line T are both visible.



Invalid

Neg -

Pos +

6. Sensitivity and specificity

The kit is 95% sensitive to RLN, the specificity is 100%.

The kit detects canine/feline pregnancy from 25 days after breeding.

The kit does NOT detect antigens of CPV, CDV, CCoV etc.

7. Limitation of the methodology

- The kit is for screening purpose and on-site testing.
- Negative result indicates that there are not RLN in the tested sample or RLN is below the detection limit of the kit. Please test with new serum or blood on the next 2-3 days to confirm the result. If the test result is still negative, then the dog is not pregnant. If the result is positive the dog is pregnant.
- Normally dog pregnancy can be observed easily by eye on the 24-33days after breeding. To confirm pregnancy, ultrasonic scanning is always the gold standard method.

8. Storage and validity

The kit is valid for 24 months from the date of Manufacturing, 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 test kit.

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