

Dynamiker Pets Biotechnology (Tianjin) Co., Ltd.

Canine Pregnancy@Relaxin Rapid Test

Catalogue No: DNP-019

User Manual / 10 tests

1. INTENDED USE

Relaxin is a specific hormone generated mainly by the placenta. It is usually used as an indicator of pregnancy status in female dogs. In pregnant dogs, relaxin can be detected from 15 days after the nidation of fertilized egg in the uterus wall. The Canine Pregnancy@Relaxin Rapid Test is a rapid test to detect relaxin in bitches that may be pregnant. The suggested detection period is 20-30 days after mating. Too early detection may lead to a negative result when relaxin in serum is too low. It is suggested to repeat the test after 1 week if a negative result was observed.

Specimen: Serum or plasma.

Detection Limit: 3.8ng/mL

2. PRINCIPLE

The Canine Pregnancy@Relaxin Rapid Test is based on sandwich lateral flow immunochromatographic assay.

3. REAGENTS AND MATERIALS

Components	Quantity
Test Cassette in Foil Bag	10 Tests
Desiccant in Foil Bag	10 Pcs
Disposable Dropper in Foil Bag	10 Pcs
User Manual	1 Pc

4. STORAGE AND STABILITY

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

5. SPECIMEN PREPARATION AND STORAGE

5.1 Collect whole blood from the patient dog, centrifuge to separate the serum from the red cells, or place the whole blood into a tube which contains anticoagulants to get plasma.

5.2 All specimen should be tested immediately. If not for immediate testing, they should be stored at 2-8°C.

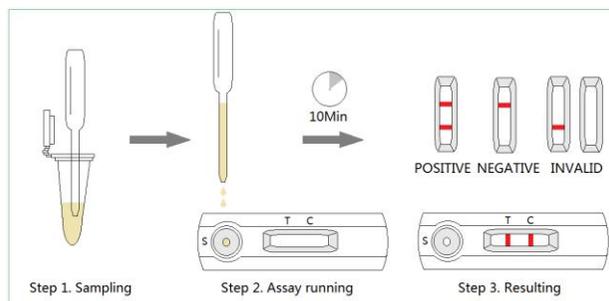
6. TEST PROCEDURE

6.1 Bring all materials, including specimen and test cassette, recover to 15-25°C before testing.

6.2 Remove the test cassette from the foil bag and place it horizontally.

6.3 Using the disposable dropper, place 3 to 4 drops of the prepared specimen into sample well labelled "S" of the test cassette.

6.4 Interpret the result at 10 minutes. Result after 10 minutes is considered as invalid.


7. INTERPRETATION OF RESULTS

- Positive (+): Presence of both "C" line and "T" line, no matter "T" line is clear or vague.
- Negative (-): Appearance of single "C" line. No red "T" line.
- Invalid: No red "C" line appears. No matter if "T" line appears.

8. PRECAUTIONS

- All reagents must be at room temperature before testing.

- Do not remove test cassette from its bag 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 units. Do not mix components from different lot numbers.
- All specimens are potentially infectious. It must be treated according to the rules and regulations of local states.

9. LIMITATION

The Canine Pregnancy@Relaxin Rapid Test is for in vitro veterinary diagnosis use only. All result should be considered with other clinical information available with veterinarian. It is suggested to apply a further confirmative method when positive result is observed.

10. MANUFACTURER

Company: Dynamiker Pets Biotechnology (Tianjin) Co., Ltd.

Address: Room 303, No.2 Building, Rongzhi Industry Park, No. 3667, Zhongbin Avenue, Sino-Singapore Eco-city, Tianjin, China

Post code: 300467

Tel: +86-022-25264212

Fax: +86-022-25264212

[SYMBOLS USED]

Symbol	Description
	Use-by date
	Lot Number
	Manufacture Date
	Keep Away from Sunlight
	Temperature Limitation

REVISED: 04/2023