

Instructions for Use

Version: 1.0.1

Revision date: 1-Aug-25

Dog Early Pregnancy Rapid Test Kit

Catalog No.: abx092265

Size: 400 / 2,000 / 10,000 tests

Storage: Store all reagents at 2°C – 30°C. Keep dry.

Application: For qualitative detection of relaxin in dog serum and plasma.

Introduction and Assay Principle

Abbexa's Dog Early Pregnancy Rapid Test Kit is based on the gold immuno-chromatography assay (GICA) principle. Any relaxin present in the samples combines with the colloidal gold particle-labelled relaxin antibody. When the concentration of relaxin in the sample is more than the detection limit, there is a color change in the detection line and the result is positive. When the concentration of relaxin in the sample solution is less than the detection limit, there is no color change in the detection line and the result is negative.

Kit Components

- Test cassettes with pipettes

Material Required But Not Provided

- Timer

A. Sample preparation

- **Serum and Plasma:** Serum and plasma samples should be collected using conventional methods and can be tested directly. Samples can be stored between 2 – 8°C for short-term storage (up to 1 week) or -20 °C for long-term storage. Fresh samples are recommended. Avoid repeated freeze/thaw cycles, bacterial pollution, visible particles; and avoid cloudy, hemolytic, or viscous samples.

B. Assay procedure

1. Take a test cassette and lay it flat on a clean table. Using the provided pipette, slowly and vertically add 2 drops of sample to the sample (S) well on the test cassette. Avoid foaming.
2. Leave at room temperature for 15 minutes, then analyze the result.

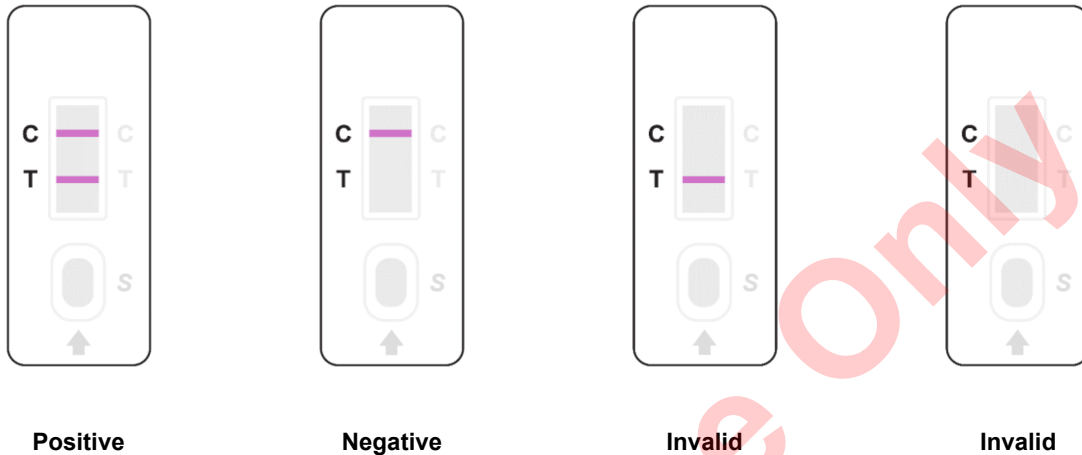
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C. Results analysis

- **Positive result:** A colored line is observed in both the control (C) section and the test (T) section.
- **Negative result:** A colored line is observed in the control (C) section but not the test (T) section.
- **Invalid result:** No colored line is observed in the control (C) section.



Notes

1. The test cassettes should be brought to room temperature before use.
2. After opening the aluminum foil, use the test cassette as soon as possible.
3. Samples should be clear with no visible particles, turbidity, or bacterial pollution.
4. Do not mix or re-use the disposable pipettes to avoid cross-contamination.
5. Do not use water, PBS, or similar solutions as the negative control.
6. Avoid touching the cassette membrane through the sample well or test result window.
7. This kit is for qualitative detection of relaxin in dog serum and plasma samples. For other sample types, a preliminary experiment is recommended to determine compatibility with this kit. Positive samples can be tested with another method (e.g. HPLC, LC/MS) for quantitative results.
8. This kit is for research use only and the results are for reference only.
9. All waste should be disposed appropriately. Please note that you may need to follow special waste disposal procedures for infectious samples. Please check local disposal regulations.
10. Do not interpret results after 20 minutes.

Technical Support

For troubleshooting and technical assistance, please contact us at support@abbexa.com.