

**Instructions for Use**

Version: 1.0.1  
Revision date: 10-Nov-23

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**Cow Early Pregnancy Rapid Test Kit**

**Catalog No.:** abx092264

**Size:** 400 tests, 1920 tests, 10000 tests

**Storage:** Store all reagents at 4-30°C. Keep dry.

**Application:** For qualitative detection of cow pregnancy-associated glycoproteins (PAGS) in cow plasma and serum.

**Introduction and assay principle**

Abbexa's Cow Early Pregnancy Rapid Test Kit is based on the gold immuno-chromatography assay (GICA) principle. Any cow pregnancy-associated glycoproteins present in the samples combines with the colloidal gold particle-labelled cow pregnancy-associated glycoproteins antibodies. When the concentration of cow pregnancy-associated glycoproteins 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 cow pregnancy-associated glycoproteins 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 (400 tests)**

- Test cassettes with pipettes: 400

**Material Required But Not Provided**

- Timer

**Sample preparation**

- **Serum and plasma:** Samples should be collected using conventional methods and stored between 2-8 °C for short-term storage (up to 1 week) or -20 °C for long-term storage. Whole blood should be anticoagulated and tested immediately or stored at 2-8 °C for up to 24 hours. Fresh samples are recommended. Avoid repeated freeze/thaw cycles, bacterial pollution, visible particles; and avoid cloudy, hemolytic, or viscous samples.

**Assay procedure**

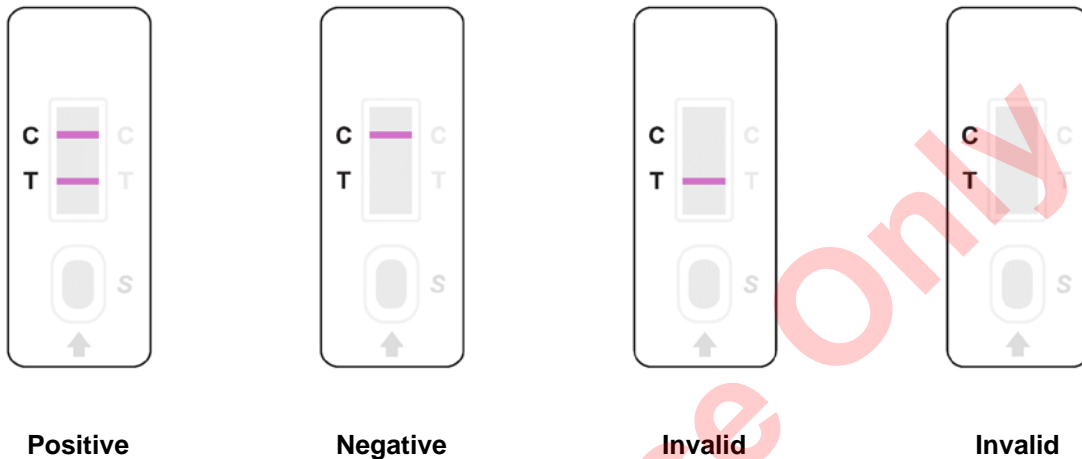
1. Bring all kit components and samples to room temperature before testing.
2. Take a test cassette and lay it flat on a clean table. Using the provided pipette, slowly and vertically add 2 drops of sample to the sample well on the test cassette. Avoid foaming.
3. Leave at room temperature for 15 min, then analyze the result. An interpretation of results after 20 minutes is considered invalid.

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### 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 cow pregnancy-associated glycoproteins (PAGS) in cow plasma and serum. 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. It is recommended to use this kit in conjunction with another detection method.
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.