

Bovine Tuberculosis (TB) antibody Rapid Test Kit

Catalog No: LT66002AYSL

PRINCIPLE

Bovine tuberculosis TB Ab rapid test kit uses immunochromatographic test for detecting bovine tuberculosis antibody in serum or plasma. After the sample is added to the loading hole, the colloidal gold labeled TB antigen will move along with chromatographic membrane together. When anti-TB antibody is present in the sample, it shows a red-wine color when it binds to the antigen on the detection line. If there is no TB antibody in the sample, then no color reaction occurs.

MATERIALS SUPPLIED WITH THIS KIT

1	Test Device	25 pieces
2	Disposable Dropper	25 pieces
3	Gloves	4 pieces
4	Manual	1piece

TEST PROCEDURE

1. Collect whole blood, separate serum (centrifuge at 2000-3000 r/min for 5-15min or separate at 4°C overnight). Alternatively, take whole blood without anticoagulants as sample, but it must be fresh.
- 2) Open the package, take out test device, put it on clean, flat desk.
- 3) Using a dropper as a pipette, obtain serum or plasma 10ul (black line), add to rectangle well on test device.
- 4) Wait 1 minute.
- 5) Add 3 drops of buffer to the oval well.
- 6) At this time will see the wine red liquid flow through the observation window.

Life Technologies (India) Pvt Ltd.

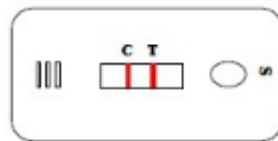
Life Technologies® is a registered trademark of Life Technologies (India) Pvt Ltd.

www.lifetechindia.com

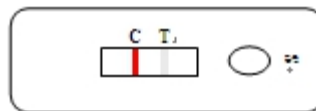
Read test result in 15-20 minutes , results after this time are invalid.

INTERPRETATION OF THE TEST

1. Positive: Both on T Line and C line develop wine-red color reaction. The more antibody exist, the thicker the color appears.



2. Negative: no color reaction on Test Line (T Line), only Control Line (C Line) develops wine-red color reaction



3. Invalid: No color reaction on C Line.



PRECAUTIONS

- 1) Do not use test kit out of date and unsealed package;
- 2) Excessive additions can lead to false positive results, and too few samples can have false negative results. Therefore, please control the amount of the sample as shown in the figure.
- 3) Do not use pure water, running water and normal saline as negative control.

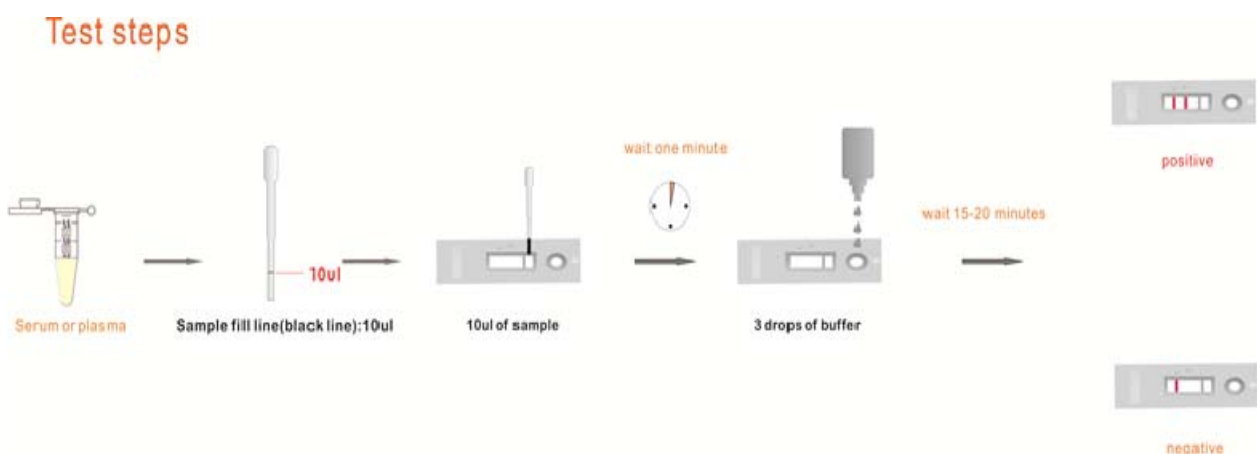
- 4) Store at room temperature (< 30°C) is OK. If stored in refrigerator, then return device to room temperature firstly, then open package, and avoid moisture. Use the test kit as soon as possible after opening the package.
- 5) Do not touch the white membrane surface in the middle of test card.
- 6) If the serum cannot be tested immediately, store at 4°C for short time (in 48hours), store at below -20°C for long-term storage.
- 7) The antibody level is only related to darkness of T line, no relation with C line. C line presence only means that the test is valid.
- 8) Dispose the test kit and sample according to local regulations.

PACKAGING

25 tests/kit

STABILITY AND STORAGE

Store at 2 - 30°C and the shelf life is 24 months.



**FOR RESEARCH USE ONLY.
NOT FOR USE IN DIAGNOSTIC PROCEDURES.**