

## Rapid Test Kit for Vancomycin

*Cat. No.: DTSJZ007*

*Pkg. Size: 96T*

### Intended use

This kit is developed for rapid test of vancomycin contamination in fresh milk sample.

### Principle of the Test

This kit is based on competitive indirect colloid gold immunochromatography technology, in which vancomycin in sample competes for the colloid gold labeled antibody with vancomycin coupling antigen captured on test line. The test result can be watched by naked eye.

### Reagents and Materials Provides

1. Test strip: 8 strips & 8 wells in plastic bottle, 12 bottles
2. Kit insert

### Assay operation

- (1) Read the kit insert carefully before assay. Bring all reagents and strips to room temperature before use.
- (2) The milk sample must be fully liquid without precipitation or agglomerate.
- (3) Take the strips and wells from the bottle according to your requirement, seal the rest.
- (4) Take 200 $\mu$ l of milk sample into the wells; pipette and drop repeatedly for 5 times to mix the reagent completely in the well, incubate at room temperature for 5min;
- (5) Insert the "MAX" end of the strip into the well; make sure it is dipped into the liquid.
- (6) Incubate at room temperature for 5min; determine the result according to **Results**.

### Results

**Negative (-):** Test Line and Control Line are both red: indicating that vancomycin in sample is lower than the LOD of the kit.

**Positive (+):** No color shows in Test line, indicating that the vancomycin in sample is higher than the LOD of the kit.

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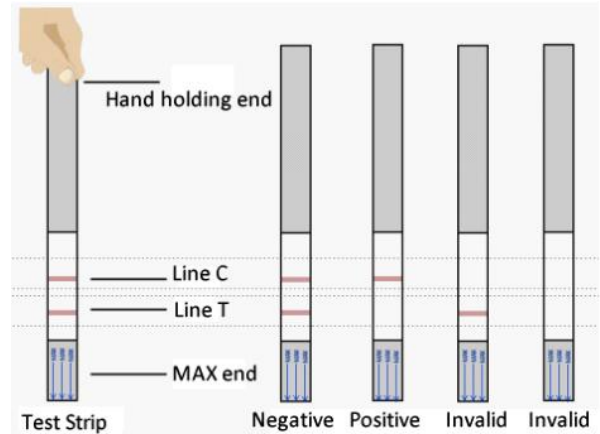
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**Invalid:** No color shows in Control Line, indicating the operation is incorrect or the test kit is out of date. In this case, please read the instruction again carefully, and do the assay again with new strips.



## Detection Limit (LOD)

50 ng/ml (ppb)

## Specificity

This kit shows negative with 500µg/L level of sulfonamides, fluoroquinolones, tetracyclines.

## Storage

The kit can be stored at 2-8°C in dark cool place for 12 months. Do not freeze. Lot Number and date of production are printed on the package.

## Notice for Operations

- (1) The strip is can be used for only once at room temperature. Avoid direct sunlight when do the assay.
- (2) Do not touch the white membrane in the center of strip.