

LINCOMYCIN RAPID TEST DIPSTICKS
MANUAL

Lincomycin Rapid Test Dipsticks (milk)

Catalogue Number. IP100097

Brief

The Lincomycin rapid test dipsticks is used for testing Lincomycin residue in milk(including pure milk and fresh milk) and goat milk qualitatively. The whole test only need 6min, east to operate with high sensitivity.

Principle

The Lincomycin rapid test dipstick is based on competitive inhibition immuno-chromatographic principle. In the flow process, Lincomycin in the sample combined with Lincomycin specific colloidal gold-labeled monoclonal antibody, Inhibit the combination between antibody and Lincomycin-BSA conjugate on Test line of NC membrane, lead to the color change of Test line. When the sample has no Lincomycin residue or concentration lower than detection limit, T line is darker then C line; when the concentration is equal to or higher than detection limit, T line is lighter than C line or T line has no color or T line has same color with C line. No matter whether there is Lincomycin residue in sample, C line will appear, it means the test is valid.

Technical specifications

8 strips/bottle, 12 bottles/kit

Detection limit: 2-3ppb

Components

1	Lincomycin test strip	8strip/bottle
2	Red powder micro-well	8 micro-well/bottle
3	Manual	1 piece
4	Desiccant	2 pieces/bag

Operation procedures

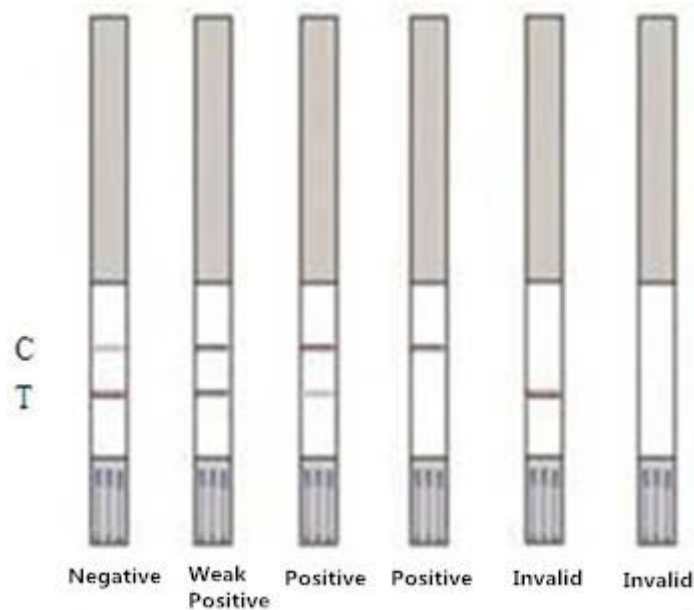
- 1)Read the instruction carefully before use. Return test dipsticks and sample into room temperature.
- 2) Take bottles needed from the kit package, take out required microwells, making proper marks. Seal the cap of the bottles, avoid moisture.
- 3) Take 200ul of the test samples into the microwells, then repeatedly absorb for 5 times, mix the sample with the reagent in the microwells completely until no solid judged by eyes (this is a very important step).
- 4) Incubate at $40\pm 2^{\circ}\text{C}$ for 3 min. Then insert the strip into micro-well, put the end with MAX down into the liquid.

5) Insert the strip into the liquid for 3min, then read the result.

7) Test Result Interpretation

Result Interpretation

Color depth comparison of T line and C line	Result judgment	Result analysis
T line > C line	Negative	Lincomycin residue is lower than detection limit in sample
T line = C line	Weak positive	Lincomycin residue is equal to detection limit in sample
T line < C line or T line is invisible	Positive	Lincomycin residue is higher than detection limit in sample
C line is invisible	Invalid	The test dipstick is invalid, test again



Precautions

- 1) The test dipsticks can be used only once at room temperature, do not use test dipsticks out of expiry date.
- 2) Please seal the bottle after taking out required test dipsticks. If can not use all 8 micro-wells at once, cup the rest and put it back to bottle and sealed.
- 3) Do not touch the white membrane surface in the middle of test dipsticks, avoid sunlight and fan blowing directly.
- 4) Use the test dipsticks testing again for positive results.
- 5) Please contact the supplier for any questions.
- 6) The result is for reference only, for confirmation, please refer to the relevant national standard method.

Specificity

This product has no cross-reaction with Quinolones, Sulfonamides and Tetracyclines etc.

Storage: Store at 2-8 °C in dark, sealed, dry place, no frozen.

Expiry date: 12 months; date of production is on box..