Lincomycin rapid test strip (milk)
Catalogue No.: LSY-20048

Product Description

1. Specifications
   96 strips/kit

2. Brief
   The Lincomycin rapid test dipsticks, based on Colloidal gold immunochromatography assay method, is used for testing Lincomycin residue in milk.

3. Detection limit
   Milk: 30μg/kg (ppb)

4. Contents
   (1) 8 microwells and 8 dipsticks in one bottle       12 bottles / kit.
   (2) Instruction                                      1 piece

5. 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 appears; when the concentration is equal to or higher than detection limit, T line has no color. No matter whether there is Lincomycin residue in sample, C line will appear, it means the test is valid.

6. Operation procedures
   6.1 Read the instruction carefully before use. Return test dipsticks and sample into room temperature.
   6.2 Take bottles needed from the kit package, take out required microwells, making proper marks. Seal the cap of the bottles, avoid moisture.
   6.3 Take 200ul of the test samples into the microwells, then repeatedly absorb for 5-10 times, mix the sample with the reagent in themicrowells completely until no solid judged by eyes (this is a very important step).
   6.4 Incubate first step the red microwells at 40±2°C immediately, time for 1 min.
   6.5 Take out required dipsticks, insert into microwells, incubate second step at 40±2°C for 5 min.
   6.6 Take out the dipsticks, read the result.

7. Test Result Interpretation
   7.1 Negative: Both C line and T line appears. It means there is no Lincomycin residue in sample or the residue is lower than detection limit.
   7.2 Positive: C line appears, T line is invisible. It means the Lincomycin residue is equal to or higher than detection limit.
   7.3 Invalidation: C line isn’t seen wine red. It means the test card is out of efficacy, out of date or improper operation. Please run the test again using another package. If the invalid tests keep happening, please contact the supplier.
8. Precautions

1) This product is suitable for fresh milk and pure milk.
2) The milk sample should store in cold, the storage time should be no more than 3 days.
3) Milk samples should be fully liquid without any agglomeration and deposition. Strongly recommend to mix sample evenly to ensure the result is accurately.
4) The test strips and microwells can be used only once, do not use test strips out of expiry date.
5) Do not touch the white membrane surface in the middle of test strip, avoid sunlight and fan blowing directly.
6) For sample with high fat content, Chromatography speed is slow, recommend to extend the second step incubation for another 1 min.
7) Use the test dipsticks testing again for positive results.
8) Please contact the supplier for any questions.

9. Storage and expiry date
Storage: Store at 2-8 °C in dark, sealed, dry place, no frozen.
Expiry date: 12 months; date of production is on box.

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