

Kanamycin rapid test strip

Catalogue No.: LSY-20049



1. Brief

This product is used for testing Kanamycin residue in raw milk. The whole test only need 5~10 min, The sensitivity of Kanamycin is **50µg/kg (ppb)**, suitable for all kinds of enterprises and Inspection agency.

2. Components

1) Kanamycin colloidal gold

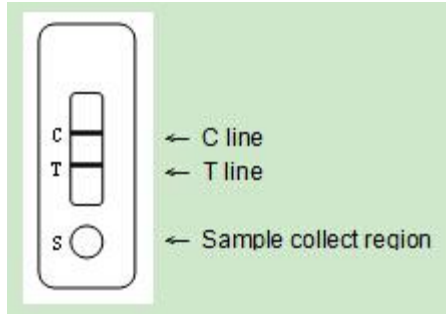
rapid test strip

(50 pieces/kit)

2) Kanamycin diluent (1 tube/kit)

3) Manuals (1 piece/kit)

4) 2 ml graduated tube (50 pieces/kit)

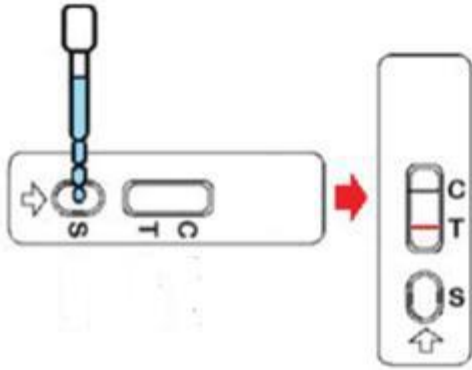


3. Sample preparation

- 1) Open water bath, adjust to 37°C, begin the experiment when the water temperature reaching 37°C;
- 2) Take test tube rack into water bath, make water surface a little lower than the top of test tube rack;
- 3) Unseal the package of Kanamycin test strip, take out the rapid test strip, return it to room temperature -20°C~30°C
- 4) Use pipette to take 0.6ml Kanamycin diluent and 0.2ml raw milk (or use the dropper drop 5 drops of raw milk) into the 2ml graduated tube, use dropper to mix fully of milk and Kanamycin diluent for 10s, Kanamycin diluent: raw milk=3:1
- 5) Put the above 2ml graduated tube into test tube rack, incubation for 3 min; (milk surface must lower than water surface)
- 6) Take 6 drops of milk sample to test.

4. Operation procedures

- 1) Take out the test strip, put it on desk flatly, as the following picture on right (Use it immediately after opening the package.)
- 2) Use dropper absorb milk sample, vertically add 6 drops (about 200μL) into sample collecting well, timing after adding sample.
- 3) Read the result in 5-8 minutes, otherwise it is invalid.

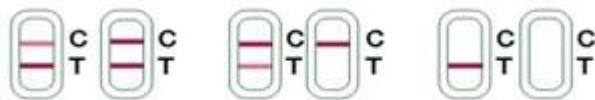


Note: S means Sample Collecting Region

C means Control Line

T means Test Line

5. Test Result Interpretation



Negative

Positive

Invalid

5.1 Negative (—): T line is invisible, T line is darker or same as C line, it means the Kanamycin concentration is lower than 50 µg/kg or no Kanamycin residue.

5.2 Positive (+): T line is lighter than C line or T line is invisible, it means the Kanamycin concentration is higher than 50 µg/kg, the lighter of T line, the higher of Kanamycin concentration.

5.3 Invalid: C line is invisible, maybe it is the operation error or test strip is invalid. Read the manuals, use new test strip to test again.

6. Precautions

1) Do not touch the white membrane surface in the middle of test card.

- 2) Do not use test card out of expiry date.
- 3) Do not repeat use the dropper.
- 4) Do not eat any of the reagents.
- 5) If need to test standard directly, please use our PBST buffer to make.

7. Specificity

This product has no cross-reaction with Chloramphenicol, Streptomycin, Sulfonamides etc.

8. Precision

Use this product and Kanamycin ELISA test kit at the same time to test 663 samples including 233 negative sample and 430 positive sample, the results show that the coincidence rate is 97.6% between this product and Kanamycin ELISA test kit.

9. Storage and expiry date

Storage: Store at 4-30 °C in dark, no frozen.

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

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