

**GENTAMICIN RAPID TEST DIPSTICKS**  
**MANUAL**

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## Gentamicin Rapid Test Dipstick

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**Catalogue Number. IP100076**

### ***Brief***

This product is used for testing Gentamicin residue in milk sample (pure milk and fresh milk) and goat milk qualitatively, the whole test procedure only need 6min, easy to operate with high sensitivity

### ***Principle***

The Gentamicin rapid test dipstick is based on competitive inhibition immuno-chromatographic principle. In the flow process, Gentamicin in the sample combined with Gentamicin specific colloidal gold-labeled monoclonal antibody, Inhibit the combination between antibody and Gentamicin -BSA conjugate on Test line of NC membrane, lead to the color change of Test line.

### ***Technical specifications***

*8 strips/bottle, 12 bottles/kit*

*Detection limit : milk 2-3ppb*

### ***Components***

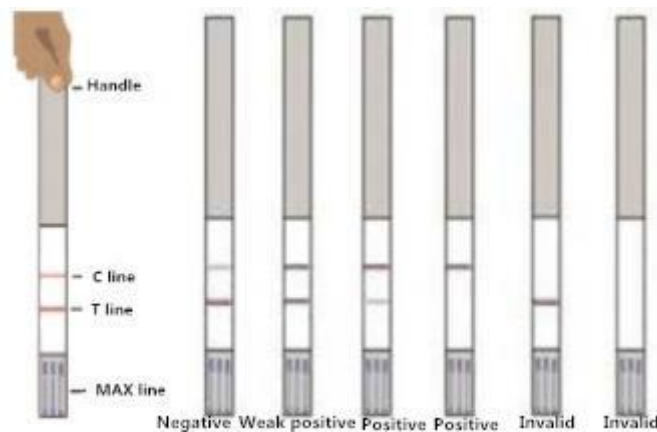
1	Gentamicin test strip	8strip/bottle
2	Red powder micro-well	8 micro-well/bottle
3	Manual	1 piece
4	Desiccant	2 pieces/bag

### ***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 micro-wells and dipsticks, making proper marks. Please use these test dipsticks within 1h. Seal the cap of the bottles, avoid moisture.
3. Take 200ul of the test samples into the micro-wells, then repeatedly absorb for 5 times, mix the sample with the reagent in the micro-wells completely until no solid judged by eyes (this is a very important step).
4. Incubate for 3min at (40±2°C), then insert the test dipsticks into the micro-wells with the "MAX" end fully dipped in to the mixture solution.
5. Insert the test dipsticks into micro-wells for 3min then read the result, it is invalid in other time.

## Result Interpretation

<i>T line &gt; C line</i>	<i>Negative</i>	<i>Gentamicin residue is lower than detection limit in sample</i>
<i>T line = C line</i>	<i>Weak positive</i>	<i>Gentamicin residue is equal to detection limit in sample</i>
<i>T line &lt; C line or T line is invisible</i>	<i>Positive</i>	<i>Gentamicin residue is higher than detection limit in sample</i>
<i>C line is invisible</i>	<i>Invalid</i>	<i>The test dipstick is invalid, test again</i>



## 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 microwells 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 card, avoid sunlight and fan blowing directly.
- 4) Milk samples should be fully liquid without any agglomeration and deposition.
- 5) Use the test dipsticks testing again for positive results.
- 6) Please contact the supplier for any questions.
- 7) The results is for reference only, for confirmation, please refer to the relevant national standard methods

## Specificity

Test 500ppb Tetracyclines, Sulfonamides, Quinolone etc.the result is Negative.

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

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