



Quinolones Residue Rapid Test Strip (Milk) (DTS025)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Size	96T
Intended Use	This kit is used for rapid qualitative analysis of quinolones in cow's milk (including pure milk and raw milk) and goat's milk.
Reagents And Materials Provided	<ol style="list-style-type: none"> 1. Test strips: 8 strips. 2. Red dry powder microporous, 8 wells/bottle. 3. Desiccant
Storage	2-8°C in cool dark place, do not freeze. The kit will be valid in 12 months. The lot number and expired date are printed on the package.
Assay Procedure	<ol style="list-style-type: none"> 1. Read the instructions carefully before experiment. Bring the test kit and samples to room temperature. Milk samples should be fully liquid without any agglomeration and deposition. 2. Take bottles needed from the kit package, take out required wells and strips, and make proper marks. Please use these test strips within 1h. Seal the cap of the bottles. 3. Take 200µl of the test samples into the wells, then repeatedly absorb for 3 times, mix the sample with the reagent in the wells completely. Requirements: No solid matter observed with eyes (this step is very important). 4. Incubate for 5min at 40±2°C, insert the test strips into the wells with the "MAX" end fully dipped in to the mixture. (Printed with MAX line end facing down) 5. After 3 minutes, interpret the results according to the schematic diagram. Interpretation at other times is invalid.
Interpretation Of Results	<p>T line > C line: Negative, Quinolones in the sample < Detection limit</p> <p>T line=C line: Weak positive, Quinolones in the sample = Detection limit</p> <p>T line < C line or T line no color: Positive, Quinolones in the sample > Detection limit</p> <p>C line no color: Invalid.</p>
Detection Limit	Enrofloxacin: 3-5 ppb

Ciprofloxacin: 3-5 ppb
Norfloxacin: 3-5 ppb
Pefloxacin: 3-5 ppb
Sarafloxacin: 5-7 ppb
Ofloxacin: 3-5 ppb
Dafloxacin: 8-10 ppb
Flumequine: 10-15 ppb
Enoxacin: 20-25 ppb
Lomefloxacin: 10-15 ppb
Mabofloxacin: 15-20 ppb
Nafloxacin: 20 ppb
Difloxacin: 5-10 ppb
Cinofloxacin: 25-30 ppb

Specificity

The kit shows negative with 500ppb of tetracyclines, chloramphenicol, sulfonamides and other drugs.

Precautions

1. Please do the assay following the instruction, don not touch the membrane of the strip.
 2. Please seal the bottle after taking out required strips.
 3. Don' t use the strip and the microwells of different batches.
 4. This strip is used for only once; please do not use it repeatedly.
 5. This kit is only for screening test, positive result should be further confirmed with other method.
 6. The test results of this product are for reference only. For confirmation, please refer to relevant national standard methods.
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