



# Aflatoxin M1 Residue Rapid Test Strip (Milk) (DTS026)

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

## PRODUCT INFORMATION

<b>Size</b>	96T
<b>Intended Use</b>	This kit is used for rapid qualitative analysis of aflatoxin M1 in raw milk, pasteurized milk, UHT milk, milk powder
<b>Reagents And Materials Provided</b>	<ol style="list-style-type: none"> <li>1. 8 strips and 8 microwells /bottle. 8bottles/kit, 96tests/kit.</li> <li>2. Microwell holder.</li> <li>3. Kit insert</li> <li>4. Plastic pipette, 96pcs</li> </ol>
<b>Materials Required But Not Supplied</b>	Incubator
<b>Storage</b>	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.
<b>Specimen Collection And Preparation</b>	Milk powder: Dilute the milk powder with the deionized water in the weight of 1:9 and test.
<b>Assay Procedure</b>	<ol style="list-style-type: none"> <li>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.</li> <li>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.</li> <li>3. Preheat the incubator to 35°C.</li> <li>4. Take 200µl of the test samples into the wells, then repeatedly absorb for 5 times, mix the sample with the reagent in the wells completely. The mixture should be pink, and then start the timer.</li> <li>5. Incubate for 5min at 35°C, insert the test strips into the wells with the "MAX" end fully dipped in to the mixture.</li> <li>6. Incubate for 5min at 35°C again. Take out the strip; judge the result.</li> </ol>

## Interpretation Of Results

**Negative(-):** Line T and Line C are both red, and the color of Line T is stronger than or similar to Line C.

**Positive(+):** Line C is red, color of Line T is weaker than Line C or Line T is no color.

**Invalid:** Line C has no color, which indicates the strips are invalid. In this case, please read the instructions again, and redo the assay with new strip.

**Note: If the result of the strip needs to be recorded, please cut the foam cushion of the "MAX" end, and dry the strip, then keep it as file.**

<b>Detection Limit</b>	0.1 µg/L(ppb)
<b>Specificity</b>	The kit shows positive with 0.2µg/L of aflatoxin b1. The kit shows negative with 500µg/L of sulfamethazine, norfloxacin, lincomycin, spectinomycin, gentamicin, streptomycins.
<b>Precautions</b>	<ol style="list-style-type: none"><li>1. Please do the assay following the instruction, don not touch the membrane of the strip.</li><li>2. Please seal the bottle after taking out required strips.</li><li>3. Don' t use the strip and the microwells of different batches.</li><li>4. This strip is used for only once; please do not use it repeatedly.</li><li>5. This kit is only for screening test, positive result should be further confirmed with other method.</li></ol>