

**IMMUNOMART**

VERSION 1.01

**TRIMETHOPRIM RAPID  
TEST STRIP  
MANUAL**

**ELISAKITS.ONLINE**  
By Immunomart

**Trimethoprim Rapid Test Strip (Tissue)**

**Catalogue Number. IP100104**

**Brief**

This product is used for testing Trimethoprim in tissue(fish, shrimp, crab, chicken, livestock etc.) sample. Easy to operate with high sensitivity.

**Principle**

The Trimethoprim rapid test dipstick is based on competitive inhibition immuno-chromatographic principle. In the flow process, Trimethoprim in the sample combined with Trimethoprim specific colloidal gold-labeled monoclonal antibody, Inhibit the combination between antibody and Trimethoprim-BSA conjugate on Test line of NC membrane, lead to the color change of Test line. When the concentration of Trimethoprim residue in sample is equal to or higher than detection limit, T line is obviously lighter than C line or T line has no color, the result is Positive. When the sample has no Trimethoprim residue or concentration lower than detection limit, T line is darker than C line, the result is Negative; No matter whether there is Trimethoprim residue in sample, C line will appear, it means the test is valid.

**Technical specifications**

Specifications: 8 strips/bottle, 12 bottles/kit

Detection limit: 5 ng/g (ppb)

**Components**

1	Trimethoprim test strips	8 strips/bottle, 12 bottles
2	Red Micro-well	8 wells/bottle, 12 bottles
3	Manual	1 piece
4	Desiccant	2 pieces/bag
5	Sample extract A 10X	1 bottle
6	Sample extract B	1 bottle

**Solution preparation**

Dilute Sample extract A 10X with deionized water at 1:9: 1 part Sample extract A 10X + 9 parts deionized water.

**Sample preparation****Tissue**

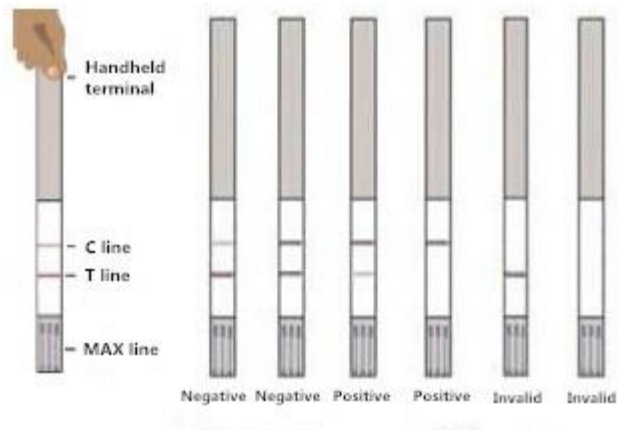
Take  $6 \pm 0.05$ g homogenized tissue sample, add 3ml Sample extract A, shake for 2min; then add 300ul Sample extract B, shake for 1min; centrifuge at 4000r/min for 5min, take up-layer clear liquid to test.

### Operation procedures

1. Return sealed test strips, micro-wells and sample into room temperature.
2. Take necessary strips and micro-wells on desk, use it in 1 hour.
3. Take 200ul of the test samples into the micro-wells, then repeatedly pump and suck for many times, mix the sample with the reagent in the micro-wells completely (this is a very important step).
4. Incubate for 5min at room temperature (20-25°C), then insert the test dipsticks into the micro-wells with the "MAX" end fully dipped in to the mixture solution.
5. React at room temperature (20-25°C) for 5min, take out the test strips and read the result.

### Test Result Interpretation

1. **Negative:** T line is darker than C line, or T line has same color with C line. It means there is no Trimethoprim residue in sample or the residue is lower than detection limit.
2. **Positive:** T line is obviously lighter than C line or T line is invisible. It means the Trimethoprim residue is equal to or higher than detection limit.
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.



### Specificity

This product has no cross-reaction with Sulfonamides, Tetracycline and Quinolone etc.

### Precautions

1. The test strips can be used only once at room temperature, do not use strips out of expiry date.
2. Do not touch the white membrane surface in the middle of test strip, avoid sunlight and fan blowing directly.
3. Tap water, distilled water and deionized water cannot be as negative control.
4. Please contact the supplier for any questions.

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

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