



TOXO IgG/IgM Rapid test

Catalog No.:

INTRODUCTION

Toxoplasmosis is a kind of zoonosis caused by *Toxoplasma gondii* (TOXO) infection. It mainly causes latent infection in human body with non-specific signs and symptoms, which may easily leads to misdiagnosis. *Toxoplasma gondii* infection mainly affects the eye, brain, heart, liver, and lymph nodes, etc., it has close association with Acquired Immune Deficiency Syndrome (AIDS) as well. *Toxoplasma gondii* infection in pregnant women may directly affect fetal development and result in severe malformation and reverse effects on ontogenesis because the pathogen can pass through the placental barriers. Its teratogenic risk is 10 times higher than the pregnant women without infection, which has attracted extensive attention as it has become one of the most serious human congenital infections. Therefore, it is vital for its early diagnosis, treatment and prevention.

PRINCIPLES

Toxoplasma Test is a sandwich lateral flow immunochromatographic assay. There is a testing window on the test device which contains invisible T (test) zone and C (control) zone. When sample is applied into the sample hole on the device, the liquid will laterally flow on the surface of the test strip. If there is enough *Toxoplasma* antigen in the sample, a visible T band will appear. The C band should always appear after a sample is applied, indicating a valid result. By this means, the device can accurately indicate the presence of *Toxoplasma* antigen in the sample.

TEST PROCEDURE

Allow the test device, serum specimen and/or controls to equilibrate to room temperature (15-30 °C) prior to testing.

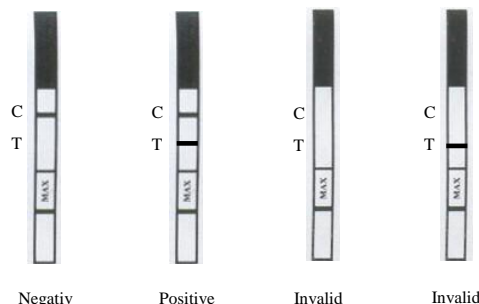
- (1) Remove the test device from the sealed pouch and use it as soon as possible.
- (2) With arrows pointing toward the serum specimen, immerse the strip test vertically in the serum specimen. Do not pass the maximum line (max) on the strip test when immersing the strip.
- (3) Lay the strip flatly on a non-absorbent clean surface. Start the timer and wait for the red line(s) to appear. Read result within 5 minutes but no longer than 15 minutes.

INTERPRETATION OF RESULTS

Negative: Only one colored band appears on the control (C) region. No apparent band on the test (T) region.

Positive: In addition to a pink colored control (C) band, a distinct pink colored band will also appear in the test (T) region. **Invalid:** A total absence of color in both regions is an indication of procedure error and/or the test reagent has deteriorated.

Strip:



Cassette:





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STORAGE AND STABILITY

The test kit can be stored at room temperature (4 to 30°C) in the sealed pouch to the date of expiration. The test kit should be kept away from direct sunlight, moisture and heat.