

Toxoplasma IgG/IgM Ab Rapid Test Card

Product Number: C10351

Product Unit: 3T

For veterinary use only

1. Precaution

- a) This kit is designed for toxoplasma IgG/IgM antibody detection in serum, plasma and whole blood; make sure you are fully aware of the intended use.
- b) Check the kit package carefully and read this instruction through to confirm the validity of the kit, and the appearance of the package. Only valid kit can be used.
- c) If any damage or leakage were found, please contact your vendor for replacement. Do not use in test unless otherwise agreed by the vendor.
- d) All samples collected may be contagious, please handle carefully according to local laws and regulations. Used test kit and tested sample shall be handle carefully to avoid further contamination.
- e) The test cassette, the buffer and swab shall be used within 5min after opening the foil package. Do not open it without planned experiment.
- f) Do not use component from other sources, otherwise the result is not valid.
- g) The kit is designed for single use, do not use repeatedly.

2. Principle and application

The kit is based on immunochromatographic assay to detect canine/feline toxoplasma antibody in serum, plasma and whole blood, which is rapid, accurate and easy-to-operate.

3. Kit Components

- a) Test Cassette, 3 pcs,
- b) Sample buffer, 3 pcs,
- c) Disposable pipette, 3 pcs,
- d) Kit instruction, 1 pc

4. Test Steps

- a) Collect 1ml of blood with blood collecting tube, put with some slope at room temperature, wait until the yellow liquid is observed, then centrifuge the mixture at room temperature for 10-15 minutes in the speed of 1500 rpm, the yellow supernate will act as the serum sample or place the whole blood into a tube which contains anticoagulants to get plasma. Whole blood: directly use in the assay.
- b) Take the needed test cassette, plastic pipette.
- c) Take the supernate with plastic pipette provided in the kit
- d) Add 1 drop of serum/plasma/whole blood into the sample well, then add 3 drops (approx. 90ul) of the sample buffer into the sample well on the test card.

e) Wait for 5-10 minutes, then observe the results.

Note: Result over 10min will be invalid.

5. Result interpretation

There are 3 lines on the cassette, Control Line (Line C) and Test Lines (Line T1、T2). Line C is used for quality control.

INVALID Line C is invisible, please run the test again with new cassette.

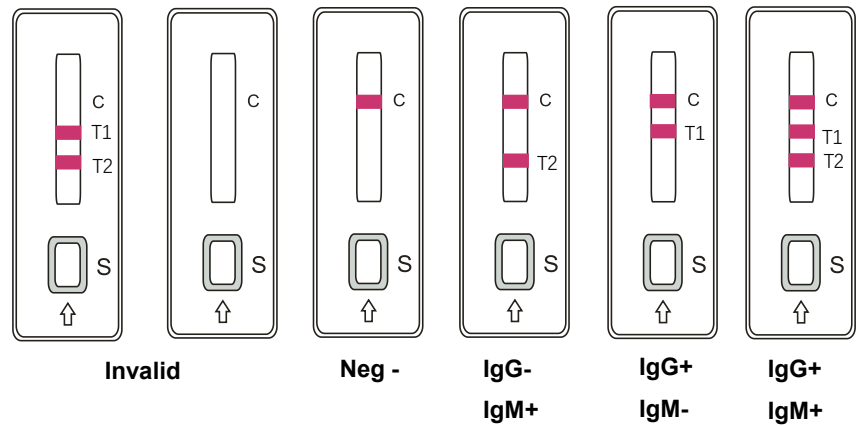
NEGATIVE Only Line C is visible, Line T1、T2 are not visible.

POSITIVE

IgG Positive (+): The presence of "C" line and

"T1" line, which indicates that the animal has been contracted to *Toxoplasma gondii*.

IgM Positive (+): The presence of "C" line and "T2" line, which indicates a possible current contract of *Toxoplasma gondii*.



6. Sensitivity and specificity

The kit is 95% sensitive to toxoplasma antibody, the specificity is 100%.

The kit does NOT detect antibody of CDV, CPV, CCV and toxoplasma antigen.

7. Limitation of the methodology

- The kit is for screening purpose and on-site test. Positive result shall be further confirmed by PCR and/or other official methodologies. Diagnosis of toxoplasma shall be determined by the vet, considering both clinical symptom and laboratory test.
- Negative result indicates that there is not toxoplasma antibody in the tested sample, but if acute symptom were observed, we cannot exclude the possibility of toxoplasma infection.

8. Storage and validity

The kit is valid for 12 months when stored at 4-30°C in dry and dark place. Do not freeze. Avoid direct sunlight. Production date and expiry information are printed on the package.

