GENLISA® Canine And Feline Anti-Toxoplasma Gondii Antibody IgG Rapid Test

REF : KAD5107

Ver 1.0

RUO

Rapid Test Card for the Qualitative testing for Canine and Feline Anti-Toxoplasma Gondii Antibody IgG in Canine And Feline samples in whole blood, plasma and serum

RUO	**For Research Use Only**	**REF**	**Catalog Number**
	**Store At**	**LOT**	**Batch Code**
	**Manufactured By**		**Biological Risk**
	**Expiry Date**		**Consult Operating Instructions**

For Research Purposes Only Purchase does not include or carry the right to resell or transfer this product either as a stand-alone product or as a component of another product. Any use of this product other than the permitted use without the express written authorization of Krishgen Biosystems Private Limited is strictly prohibited.

REF KAD5107 Σ 1 x 40 tests

Krishgen Biosystems Private Limited
For US/Europe Customers: toll free +1(888)-970-0827 | tel +1(562)-568-5005
For Asia/India Customers: +91(22)-49198700
Email: sales1@krishgen.com | http://www.krishgen.biz / www.krishgenbio.com

Introduction:

Anti-Toxoplasma gondii Immunoglobulin G (IgG) antibodies are specific proteins produced by the human immune system in response to an infection by the parasite *Toxoplasma gondii*. The detection of these antibodies is a key serological method used to determine a person's past exposure and long-term immunity to the parasite.

Intended Use:

This kit is for qualitative testing for Canine and Feline Anti-Toxoplasma Gondii Antibody IgG in Canine And Feline whole blood, plasma and serum.

Principle:

The GENLISA® Canine and Feline Anti-Toxoplasma Gondii Antibody IgG rapid test card uses rapid immunochromatography to detect Anti-Toxoplasma Gondii Antibody IgG in serum, plasma and whole blood of Canine and Feline etc. qualitatively. When testing, Anti-Toxoplasma Gondii Antibody IgG in sample combine with antigen coated by colloid gold forming complexes, moving forward to the other head. When reaching the T-line, the specific antigen on the membrane capture the complexes and appear a T line. C line appears, means the test is valid. The T line appears, means there is Anti-Toxoplasma Gondii Antibody IgG in the sample.

Materials Provided:

1. Anti-Toxoplasma Gondii Antibody IgG Test Card - 40 nos.
2. Dropper – 40 nos.
3. Instruction Manual

Material required but not provided:

Single channel pipette: 20-200 ul, 100-1000 ul.

Storage Information:

- Store between 4°C – 30°C.
- Store in a dry place, away from direct sunlight and humidity.
- The expiration date is 24 months from manufacturing date.

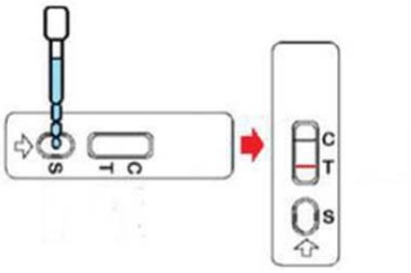
Sample Preparation:

1. Whole blood
Collect anticoagulated whole blood, use for that very day.

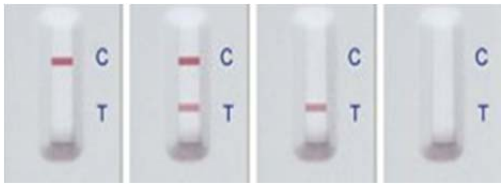
2. Serum
Collect blood, put at 37ºC for 1-2h, take the supernatant, centrifuge at 1500r/min for 10 min, separate the serum. The serum can store for 2-3 days at 4ºC, for long term storage, store at -20ºC in frozen.

Assay Procedure:

1. Read the manual carefully and return the test card and sample to room temperature before use.
2. Take out the test card, with the help of the dropper supplied in the kit add 2-3 drops into well mark “S” or use Micropipette to transfer 70 ul sample into well mark “S”.
3. Read the results in 5-10 min at room temperature. The result is invalid after 15 min.



Interpretation of Result:



1. **Negative (-) :** No line appears in the test region (T), only on Control line (C Line) being seen red color reaction. It means there is no Anti-Toxoplasma Gondii Antibody IgG in sample or the levels is lower than the detection threshold.

2. **Positive (+):** Both on T Line and C line being seen red color reaction. It means there is Anti-Toxoplasma Gondii Antibody IgG in sample.

3. **Invalid:** No colored bands appear or control line fails to appear, indicating that the operator error or the test card is invalid.

Procedural Notes:

1. Please use the test card within the shelf life and within 1 hour after opening.
2. Avoid direct sunlight and direct fan blowing during testing.
3. Do not touch the white membrane surface in the middle of test card when using the test card.
4. Sample droppers should not be mixed to avoid cross contamination.
5. Do not use sample buffer that are not supplied with this reagent.
6. When the detected substance content is very high, the T line may appear, and then the red color will gradually fade or even disappear. It is recommended to dilute the sample by 10 times before testing, so that the T line can be stable.
7. The used test card should be treated as microbiological dangerous goods.

LIMITED WARRANTY

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