

[PRODUCT NAME]

Giardia Antigen Rapid Test Kit
SELF-TEST

[PACKING SPECIFICATIONS]

1/5/10/25/50 Test(s)/kit

[INTENDED USE]

This kit is for the detection of Giardia antigens in feces of dogs and cats. This product is used for self-test.

[TEST PRINCIPLE]

The Giardia Antigen Rapid Test Kit uses the double-antibody sandwich method principle to qualitatively detect Giardia antigen in dog and cat feces. Using gold-labeled Giardia antigen antibody 1 as an indicator marker, the detection area (T) and control area (C) on the nitrocellulose membrane were coated with Giardia antigen antibody 2 and goat anti-chicken respectively. During detection, the sample is chromatographed under the capillary effect. When the tested sample contains Giardia antigen, the gold-labeled Giardia antibody 1 forms an antigen-antibody complex with the Giardia antigen. Then during the chromatography process, it combines with the Giardia antigen-antibody 2 fixed in the detection area to form an "antibody 1-antigen-antibody 2" sandwich, so that a purple-red strip appears in the detection area (T). On the contrary, no purple-red band appears in the detection area (T). Regardless of whether there is Giardia antigen in the sample being tested, the gold-labeled chicken IgY complex will continue to chromatograph upward to the control area (C), and a purple-red band will appear in the reaction. The purple-red band presented in the control area (C) is the standard for judging whether the chromatography process is normal, and it also serves as the internal control standard for the reagent.

[MAIN COMPONENTS]

Specification	Test pad	Sample collection tube with diluent	Cotton swab	Instruction manual
1Test/Kit	1	1	1	1
5Tests/Kit	5	5	5	1
10Tests/Kit	10	10	10	1
25Tests/Kit	25	25	25	1
50Tests/Kit	50	50	50	1

[OPTIONAL COMPONENTS]

- Medical waste bag (1/5/10/25/50 tests/kit)

Note: The components in the kits of different batch numbers are not interchangeable.

Warning: If the diluent gets onto the skin or eyes, the user should wash it off immediately with clean water.

[STORAGE CONDITIONS AND VALIDITY PERIOD]

Storage conditions: The original package should be stored in a dry place at 2~30°C, avoiding light, and never frozen.

Validity period: 24 months.

The reagent should be used as soon as possible within 1 hour after the aluminum foil packaging is opened; it is recommended to use it as soon as possible when the ambient temperature is higher than 30°C or high humidity.

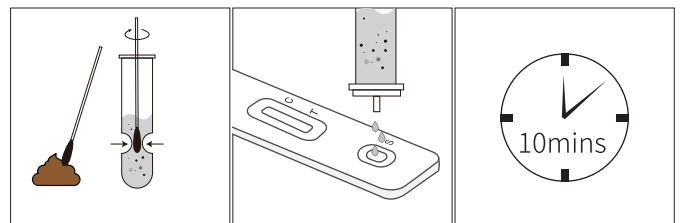
[SAMPLE REQUIREMENTS]

If the sample cannot be tested immediately, it should be placed in a refrigerator at 2°C~8°C; If sample is unable to be tested for >24 hours, it should be frozen below -20°C.

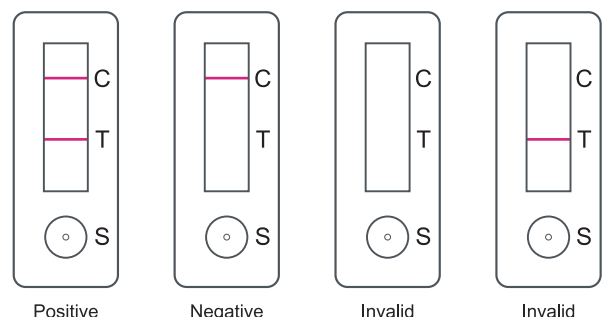
Samples should be equilibrated back to room temperature before testing. In addition, samples stored frozen must be completely thawed and mixed well before use. Avoid repeated freezing and thawing.

[TEST METHOD]

1. Unopened reagents should be allowed to equilibrate to room temperature before use.
2. Collect fresh feces using the cotton swab, then tear off the foil film of the extraction tube. Immerse the swab into the extraction tube, and rotate the swab head in the sample diluent for at least 10 seconds.
3. At the same time, squeeze the swab head through the outer wall of the extraction tube at least 5 times to ensure that the sample can be fully eluted into the diluent. Then squeeze the swab head as dry as possible through the outer wall of the extraction tube. Discard the swab and cover the extraction tube for use.
4. Place the kit on a horizontal surface. Add 3 drops of the mixture into sample well (S) and start timing.
5. Read the results in 10 minutes. Do not read test results after 30 minutes as results may be invalid.



[INTERPRETATION OF TEST RESULTS]



Positive Result:

Red bands appear in both the test line (T) and the control line (C). The results showed that the sample contained Giardia antigen.

Negative Result:

A red band will only appear in the control line (C) on the result window. The results showed that the sample contained Giardia antigen.

Invalid Result:

If there is no red band in the control line (C), the result is invalid. A re-test is recommended.

Note: Even if the control line (C) or test line (T) is faint or not uniform, the test should be considered to have been performed properly, and the test result should be interpreted as above.

Positive results should be interpreted by the veterinarian in conjunction with the clinical history and other available data.

【PRECAUTIONS】

- 1.For animal use only, please operate in strict accordance with the instruction manual.
- 2.Do not use expired or damaged products, and each component cannot be reused or mixed with different kits.
- 3.This product should be stored in a dark and dry environment at 2°C~30°C, and tested at room temperature. After tearing the aluminum foil bag and taking out the reagent strip, it should be used as soon as possible within 1 hour to prevent the reagent strip from getting wet.
- 4.Temperature has a great influence on the test results. All used consumables, test pad and other wastes should be put into medical waste bags and disposed of properly in accordance with local regulations. The desiccant in the aluminum foil bag cannot be taken internally.
- 5.Observe the results within the specified time. If the reaction time is too long or too short, the test results may be affected.
- 6.Only the sample treatment solution in the kit can be used in the test, do not use tap water, purified water and distilled water.

【REFERENCES】

1. Strand E A, Robertson L J, Hanevik K, et al. Sensitivity of a Giardia antigen test in persistent giardiasis following an extensive outbreak[J]. Clinical microbiology and infection, 2008, 14(11): 1069-1071.
2. Green E L, Miles M A, Warhurst D C. Immunodiagnostic detection of Giardia antigen in faeces by a rapid visual enzyme-linked immunosorbent assay[J]. The Lancet, 1985, 326(8457): 691-693.

【INSTRUCTIONS APPROVAL AND MODIFICATION DATES】

2023.11.28

【PRODUCTION DATE AND EXPIRATION DATE】

Check the packaging

LABEL INTRODUCE FOR USER

Abbreviation	Explanation	Abbreviation	Explanation
	Batch code		Temperature limit: 2~30°C
	Contains sufficient for<n>tests		Date of manufacture
	Manufacturer		Use-by date
	Consult instructions for use		Do not re-use
	Keep dry		Do not use if package is damaged
	Keep away from sunlight		



BT Pet Medical (Nanjing) Co.,LTD

Building B6-2,Jiangsu Life Science and Technology Innovation Park, No.9, Weidi Road, Xianlin Subdistrict, Qixia District, NanjingCity, China
Tel:025-83108036