

Giardia One-step Test Kit User Manual for Fecal Sample of Canine or Feline



INTRODUCTION

Intended Use

Giardia One-step Test Kit is a fecal test to detect Giardia lamblia in Canine or Feline.

Summary and Explanation of the Test

Giardia One-step Test Kit is a rapid detection of Giardia lamblia antigens from canine or feline feces, using the principles of immune chromatography. Two antibodies are bind with specific epitopes of the antigens. Then after being absorbed, the antigens bind with gold-colloid complex of anti-Giardia of the conjugate pad, which formed Ab-Ag-Ab complex. This complex then bind with another monoclonal anti-Giardia in the nitrocellulose membrane.

BEFORE ASSAY PROCEDURE

Material Provided (10 tests/kit)

Item	Volume
1) Test	10 units
2) Diluent (buffer)	1 Ml x 10 units
3) Disposable dropper	10 units
4) Swabs for sample collection	10 units

Storage of test kits

- 1) Store the kit at 2°C ~ 30°C
- 2) Always keep kit tightly sealed in pouch with desiccants.
We recommend you use up all tests within 12 months after manufacturing.
- 3) Do not keep them in a refrigerator. However, if they are stored under cold circumstances, keep at room temperature for 15 ~ 30 minutes before use.

Warnings and Precautions

- 1) Deal with specimen carefully. Wear disposable gloves when you suspect the infection cause by specimen. And wash your hands later.
- 2) Use within 10 minutes after opening the pouch. Best results will be obtained if the test is performed immediately after opening the pouch.
- 3) Dispose solid wastes after sterilizing them at 121 °C for over 1 hour.
- 4) Use for *In-vitro* diagnostic purposes only.
- 5) This test is for primary screening.
Consult veterinarians for further necessary examinations to obtain clinical test results.

Specimen Collection and Storage

- 1) Collect fecal specimens of Canine or Feline
- 2) Specimens may be refrigerated at 2°C ~ 8°C for up to 24 hours or frozen at -25°C for later use for up to 72 hours.
- 3) Avoid repetitive freezing and thawing of fecal sample.

TEST PROCEDURE

Step 1 : Collect and Swap not more than 30mg of feces.



- Do not use sticky or a lump of feces.
- Do not collect more than 30mg

Step 2 : Put the fecal swab into a sample tube (with 1 Ml of buffer) and then swirl the buffer

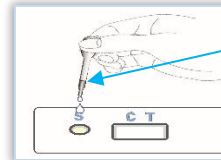


- Swirl the buffer with the swab

Step 3 : Use the supernatant layer

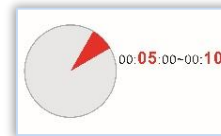


Step 4 : Drop 100 µl (4 drops) into the specimen well



- Do not overload the sample.
- Sample control line : 100 µl

Step 5 : Read the test results within 5~10 minutes



- Results obtained after 10 minutes should be considered invalid

INTERPRETATION OF THE RESULTS

Positive : Two bands appearing at both test line (T) and control line (C) indicates positive result.

Negative : Only one band appearing at control line (C) indicates negative results.

Invalid : No band at control line (C) indicates incorrect assay process or failure of kit.

