

Giardia Ag Test

Cat No.: W81020

1. INTENDED USE

Giardia Ag Test is a sandwich lateral flow immunochromatographic assay for the qualitative detection of Giardia antigen in animal's faeces.

Assay Time: 5-10 min

Sample: Faeces

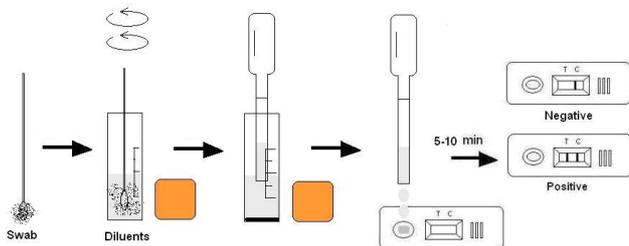
2. PRINCIPLE OF THE ASSAY

Giardia Ag Test is based on sandwich lateral flow immunochromatographic assay. The test device has a testing window. The testing window has an 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 Giardia 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 Giardia antigen in the sample.

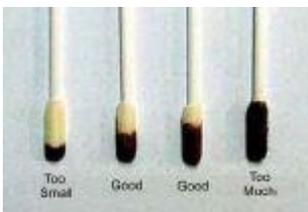
3. KIT COMPONENT

- Foil pouch containing a cassette, pipette and desiccant
- 1.0mL assay buffer tube
- Swab Stick
- Instructions for use

4. TEST PROCEDURE



- Collect faeces with the swab stick from animal's anus/cloaca or on the ground. The quantity of faeces required is indicated below:



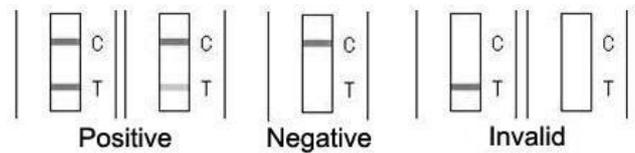
- Unscrew the cap from the provided assay buffer tube and insert the wet swab. Agitate it to ensure good sample extraction.
- Take out the cassette from the foil pouch and place it horizontally.
- Use the pipette to extract solution from the assay tube and transfer 3 drops of sample extraction into the elliptical sample hole on the test cassette.
- Interpret the result in 5-10 minutes. Result after 10 minutes may be considered invalid.

5. INTERPRETATION OF RESULTS

Positive: The presence of both C band and T band, no matter how faint the T band appears.

Negative: Only clear C band appears.

Invalid: No coloured band appears in C zone, no matter whether T band appears.



6. STORAGE

The kit can be stored at room temperature (2-30°C). The test kit is stable through the expiration date marked on the foil pouch. **DO NOT FREEZE.** Do not store the test kit in direct sunlight.

7. PRECAUTIONS

- For best results, please strictly adhere to these instructions.
- All reagents must be at room temperature before running the assay.
- Do not remove test cassette from its pouch until immediately before use.
- Do not reuse the test kit.
- Do not use the test beyond its expiration date marked on the foil pouch.
- The components in this kit have been quality control tested as standard batch unit. Do not mix components from different lot numbers.
- The best time to test is during the shedding phase and/or when the symptoms first appear. If tested outside this time, there is a risk of a false negative result.

8. LIMITATION

Giardia Ag Test is for in vitro veterinary diagnosis use only. All results should be considered with other clinical information available from veterinarian. For an accurate result, it is suggested to apply other methods such as PCR for final determination in practice.

Manufactured by:
Quicking Biotech Co., Ltd., No. 1998, South
Yanggao Road, Shanghai, China.
Tel: 86-21-5094 7188 Fax: 86-21-5094 7186

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Home Health UK Ltd
www.homehealth-uk.com

