INTENDED USE

The RA.E.coccidium Ab Test is a lateral flow immunochromatographic assay for the qualitative detection of Rabbit Eimeria coccidium Antibody (RA.E.coccidium Ab) in rabbit's serum or plasma.

Assay Time: 5-10 minutes

Specimen: serum, plasma

PRINCIPLE

The RA.E.coccidium Ab Test is based on sandwich lateral flow immunochromatographic assay. The test device has a testing window for the observation of assay running and result reading. The testing window has an invisible T (test) zone and a C (control) zone before running the assay. When the treated sample was applied into the sample well on the device, the liquid will laterally flow through the surface of the test strip and react with the pre-coated recombinant antigens. If there is Eimeria coccidium Antibody (RA.E.coccidium Ab) in the specimen, a visible T line will appears. The C line should always appear after a sample is applied, which indicates a valid result. By this means, the device can accurately indicate the presence of Eimeria coccidium antibody in the specimen.

REAGENTS AND MATERIAL

- 5 test pouches, with cards and desiccants
- 5 capillary droppers
- 1 bottle of assay buffer
- 1 package insert

STORAGE AND STABILITY

The kit can be stored at room temperature (2-30°C). The test kit is stable through the expiration date (18 months) marked on the package label. DO NOT FREEZE. Do not store the test kit in direct sunlight.

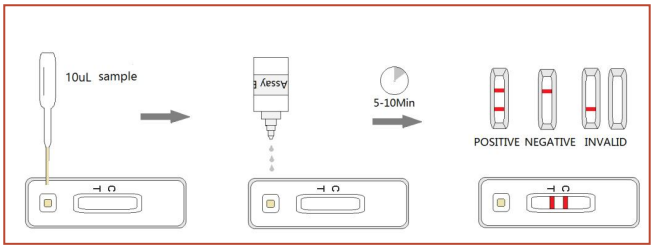
SPECIMEN PREPARATION AND STORAGE

- Specimen should be obtained and treated as below.

  Serum or plasma: collect the whole blood for the patient Rabbit, centrifuge it to get the serum, or place the whole blood into a tube which contains anticoagulants to get plasma.
- All specimen should be tested immediately. If not for immediate testing, they should be stored at 2-8°C.

TEST PROCEDURE

- Allow all materials, including specimen and test device, recover to 15-25°C before running the assay.
- Remove the test device from the foil pouch and place it horizontally.
- Using the capillary dropper to place 1 drop (approx. 10μL) of serum or plasma into the sample well "S" of the test device. Then place 3 drops (approx. 90μL) of the assay buffer into the sample well immediately.
- Interpret the result in 5-10 minutes. Result after 15 minutes is considered as invalid.



INTERPRETATION OF RESULTS

- Positive (+): The presence of both "C" line and zone "T" line, no matter T line is clear or vague.
- Negative (-): Only clear C line appear. No T line.
- Invalid: No colored line appears in C zone. No matter if T line appears.

PRECAUTIONS

- 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 use the test beyond its expiration date.
- The components in this kit have been quality control tested as standard batch unit. Do not mix components from different lot numbers.
- All specimens are of potential infection. It must be strictly treated according to the rules and regulations by local states.

LIMITATION

The RA.E.coccidium Ab Test is for in vitro veterinary diagnosis use only. All result should be considered with other clinical information available with veterinarian. It is suggested to apply a further confirmative method such as ELISA when positive result was observed.

Manufacturer:
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