INTENDED USE

The E.ANA Ab Test is a test cassette to diagnose the presence of Anaplasma spp. antibodies in horse's serum, plasma or whole blood specimen.

Assay Time: 5-10 minutes

Specimen: serum, plasma, whole blood

PRINCIPLE

The E.ANA 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 Anaplasma recombinant antigens. If there are Anaplasma antibodies in the specimen, a visible T line will appear. 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 Anaplasma antibodies in the specimen.

REAGENTS AND MATERIALS

- 10 test pouches, with cards
- 1 bottle of assay buffer
- 10 capillary droppers
- 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.

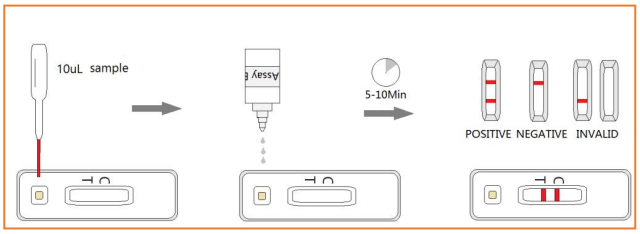
SPECIMEN PREPARATION AND STORAGE

1. Specimen should be obtained and treated as below.
- Serum or plasma: collect the whole blood for the patient horse, centrifuge it to get the plasma, or place the whole blood into a tube which contains anticoagulants to get serum.
- Whole blood: collect fresh blood for use directly or make anticoagulant blood for storage at 2-8°C.

2. All specimen should be tested immediately. If not for testing right now, 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.
- Take out the test device from the foil pouch and place it horizontally.
- Using the capillary dropper to place 10μL of the prepared specimen into the sample well "S" of the test device. Then place 3 drops of the assay buffer into the sample well "S" 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 appears. 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 E.ANA 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 RT-PCR or microscopy when positive result was observed.

Manufacturer:
Hangzhou Evegen Biotech Co., LTD
NO.578, 20th Street, Qiantang District, Hangzhou, Zhejiang 310018 China