

# Ehrlichia-Anaplasma Antibody Combo Test (EHR-ANA)

Catalog No.: JCA032D

## ✧ INTENDED USE

The Ehrlichia - Anaplasma Antibody Combo Test is a test cassette to diagnose the presence of antibodies against Ehrlichia *canis*, Ehrlichia *ewingii*, Anaplasma *phagocytophilum* and Anaplasma *platys* in dog's blood specimen.

Assay Time: 5-10 minutes

Specimen: Serum, plasma or whole blood

## ✧ PRINCIPLE

The Ehrlichia - Anaplasma Antibody Combo Test is based on sandwich lateral flow immunochromatographic assay.

## ✧ REAGENTS AND MATERIALS

- Test devices
- Assay buffers
- Centrifugal tube (not provided in the box)
- Products Manual

## ✧ STORAGE AND STABILITY

The kit can be stored at room temperature (4-30°C). The test kit is stable through the expiration date (24 months) marked on the package label. DO NOT FREEZE. Do not store the test kit in direct sunlight.

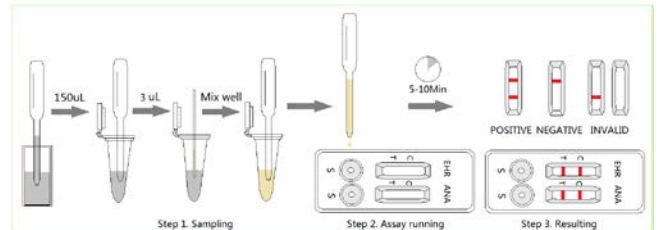
## ✧ SPECIMEN PREPARATION AND STORAGE

1. Specimen should be obtained and treated as below.
  - Serum or plasma: collect the whole blood from the patient dog, centrifuge it to get the serum, or place the whole blood into a tube which contains anticoagulants to get plasma.
  - 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.
- Separately suck 150uL of Ehrlichia and Anaplasma assay buffer into two centrifugal tubes.
- Collect 3uL of blood specimen and place into each centrifugal tube and mix well.
- Take out the test device from the foil pouch and place it horizontally.

- Using the dropper to place 3 drops (approx. 120 µ L) of the prepared specimen into each sample hole "S" of the test device and start the timer.
- Interpret the result in 5-10 minutes. Result after 10 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 Ehrlichia - Anaplasma Antibody Combo 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 microscopy when positive result was observed.



J&G Biotech Ltd (Reg. No.: 08419172)

326 Cleveland Road, London, England E18 2AN, UK