

# Equine Infectious Anemia Antibody(EIA Ab) Rapid Test Kit

According to animal experts, testing every 3-6 months is beneficial for both humans and animals

## PRINCIPLES

Equine Infectious Anemia Antibody (EIA Ab) Rapid Test Kit is a chromatographic immunoassay for the qualitative detection of Infectious Anemia antibody in Equine whole blood, serum or plasma. The invisible EIA antigen (T line) and secondary antibody (C line) are immobilized on a nitrocellulose membrane in result window. Another EIA antigen is conjugated with colloidal gold particle and immobilized on glass fiber as conjugate pad. When specimen is applied into the sample well on device, Equine Infectious Anemia antibody will bind to the gold conjugate and migrate on the surface of test strip by passive diffusion, and a visible T line will appear in result window after 10 minutes. The C line has to appear every time when a test is properly performed.

## MATERIALS PROVIDED

1. Test Devices: 10 pieces test devices individually pouched
2. Assay diluent in tube: 10 units of 250ul
3. Dropper: 10 pcs
4. Instructions For Use: 1 copy attached.

## MATERIALS REQUIRED BUT NOT PROVIDED

1. Timer
2. Collection tube (Without anticoagulants)
3. Collection tube (With anticoagulants)
4. Centrifuge
5. Blood lancet

## STORAGE AND SHELF LIFE

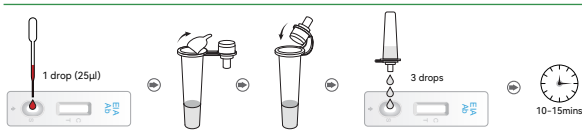
Store the test kit in a cool, dry place away from light (2~30°C).  
Valid for 24 months (see package).

## SAMPLE COLLECTION AND PREPARATION

1. The test should be performed using Equine whole blood, serum or plasma. [Serum] Collect the whole blood into the collection tube (NOT containing anticoagulants such as heparin, EDTA and sodium citrate), then leave the tube setting for 30 minutes to coagulate before obtaining serum supernatant by centrifuging. [Plasma] Collect the whole blood into the anticoagulant tube (containing anticoagulants such as heparin, EDTA and sodium citrate) and then centrifuge to get plasma. [Whole blood] Collect the whole blood into the anticoagulant tube. If anticoagulated whole blood is not immediately tested, they should be refrigerated at 2-8°C and used within 24 hours
2. If serum and plasma are not tested immediately, they should be stored at 2~8°C for 24 hours. For longer storage, freeze at -20°C or below
3. If specimen contains precipitate, it may affect the test result. Such specimens must be clarified prior to assaying

## TEST PROCEDURE

1. The test device, specimen, assay diluent should be brought to room temperature (15~30°C) prior to use
2. Remove the test device from the foil pouch, and place it on a flat and dry surface
3. Using a dropper, add 1 drop of specimen (25ul) into sample well on the test device
4. Tear open the aluminum foil of assay buffer tube and then close the lid. Add 3 drops of assay diluent into sample well vertically
5. Read the results at 10-15 minutes. Any results after 15 minutes are no longer valid



## INTERPRETATION OF THE RESULT

### Positive result:

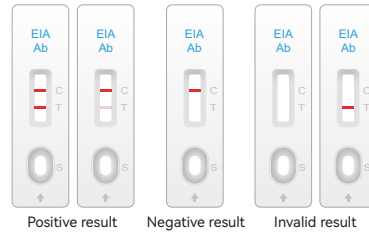
Test line (T) and control line (C) within the result window indicate the presence of Equine Infectious Anemia antibody

### Negative result:

Only control (C) line appears in the result window indicating that Equine Infectious Anemia antibody has not been detected

### Invalid result:

If the control (C) line does not appear, the result might be considered invalid. The specimen should be retested









## PRECAUTIONS


1. The test kit is for Equine use. Do not use for other animals
2. The device is sensitive to humidity and heat. Perform the test immediately after removing it from the foil pouch
3. Read the instructions carefully before operation and follow the instructions
4. Do not reuse the test components
5. Do not use the test kit if the pouch is damaged or the seal is broken
6. Do not use the test kit beyond the stated expiration date marked on the label
7. Do not mix components from different lot numbers because the components in this kit have been quality control tested as standard batch unit
8. All specimens should be handled as being potentially infectious
9. Decontaminate and dispose of all specimens, used kits and potentially contaminated materials safely in accordance with national and local regulations

## LIMITATIONS

1. This kit can provide a fast and easy way to get a result, but do not completely exclude the possibility of a low incidence of false results which occur by various factors. Veterinarians should also consider other clinical symptoms and laboratory diagnostic methods to make a definite diagnosis
2. The kit only indicates whether Equine Infectious Anemia antibody is presented in the specimen or not
3. A negative result may be obtained if the concentration of Equine Infectious Anemia antibody present in the specimen is not adequate or is below the detectable level of the test

## SYMBOL DESCRIPTIONS

 In vitro diagnostic	 Batch code
 Use-by date	 Consult instructions for use
 Date of manufacture	 Manufacturer

 2°C~30°C Temperature limit