



Hepatitis B Rapid Screen Test Instructions

IT1009F-SAG (Field version) Whole Blood/Serum/Plasma

iCARE Hepatitis B Rapid Screen Test is a test for the qualitative detection of the Hepatitis B Surface Antigen (HBsAg) in whole blood as an aid in the diagnosis of Hepatitis B infection. Hepatitis B is an infection of the liver caused by the Hepatitis B virus (HBV), and is transmitted by infected blood and bodily fluids (e.g. semen, saliva), through sexual contact, sharing injection needles, and childbirth. Signs and Symptoms of Hepatitis B include: itchy skin, body aches, joint pains, fatigue, loss of appetite, nausea, vomiting, dark urine and jaundice (yellow colouration of skin and eyes). These appear after about 3 months from the point of infection and can last for weeks or months.

PRECAUTIONS

1. Do not use the test kit beyond the expiration date.
2. Do not use the kit if the pouch is punctured or not well sealed.
3. For in vitro use only. Do not swallow.
4. All specimens from the body should be treated as potentially infectious.
5. Contaminated blood may give incorrect test results.
6. Discard after first use. The test cannot be used more than once.
7. DISPOSAL: The used-device has the risk of infection. Please dispose all used contents properly.

MATERIAL PROVIDED

1. Each kit contains:
 - Test cassette
 - Desiccant pouch (for keeping contents dry)
 - Micro pipette / dropper
2. One diluent bottle (5 ml)
3. One lancet (needle)
4. One alcohol swab
5. Instruction sheet

TEST PROCEDURE

1. Select the finger for puncture, usually the fourth finger. Open the alcohol prep pad.
2. Clean the skin area to be punctured with the alcohol pad. Allow the finger to dry.
3. Prepare the lancet by pushing in the knob of the lancet and twisting the knob.
4. Pull out the knob.
5. Place the lancet at the finger and press the trigger to prick the skin. Allow a drop of blood to form on the finger.
6. Use the micro pipette to collect the blood. If blood flow is inadequate, gently massage at the base of the finger to produce sufficient blood volume. Collect 2 drops of blood.
7. Remove the testing cassette from the foil pouch and place it on a level surface. Holding the micro pipette vertically, add 1-2 drops of blood into the sample well of the test cassette.
8. Open the cap of the diluent bottle.
9. Add about 2 drops of diluent onto the sample well.
10. Wait for 15 minutes and read results. Do not read after 20 minutes.



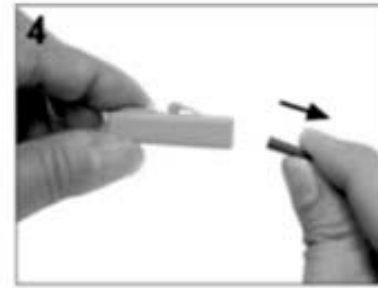
1 Tear open the Alcohol Prep Pad



2 Clean your finger



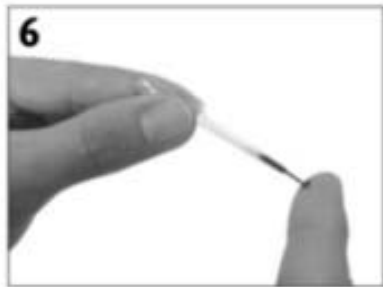
3 Push in and twist the knob of the Lancet



4 Pull out the knob



5 Place the Lancet at the finger and press the trigger to prick the finger



6 Collect 2 drops of blood samples using the micro pipette



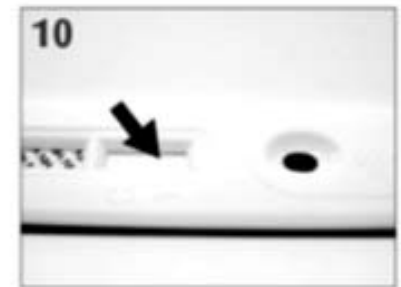
7 Place about 2 drops of blood sample into the Sample Well using the Micro Pipette



8 Open the cap of the Diluent Bottle

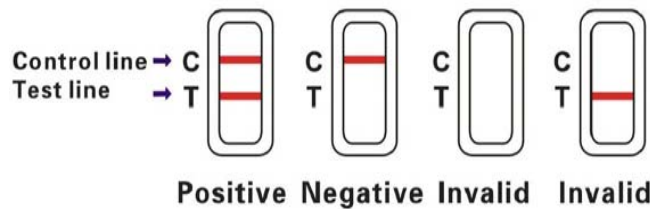


9 Place about 2 drops of Diluent Liquid into the Sample Well slowly (Make sure the Liquid touches the Control Line)



10 Read results within 15 minutes

INTERPRETATION OF RESULTS



Positive (+) Result

Two colored bands appear at “C” and “T”. HBsAg is detected. The sample indicates the patient has Hepatitis B.

Negative (-) Result

Only one colored band appears at “C”. HBsAg is not detected. The sample indicates the patient does not have Hepatitis B.

Invalid Result

No visible band at all, or there is a visible band only at “T”, but not at “C”. Repeat the test with a new test kit.

Product manufactured by:

JAL Innovation

JAL Innovation (Singapore)
Pte Ltd
www.jalinnovation.com

Insert designed by:

LTLabs