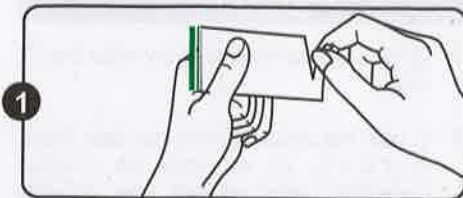
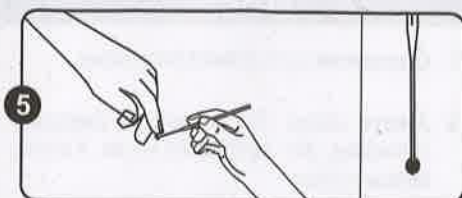




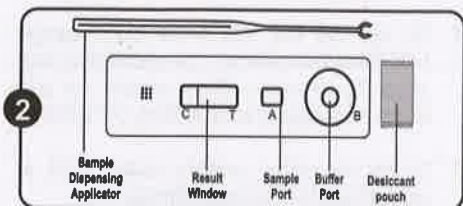
### Test Procedure



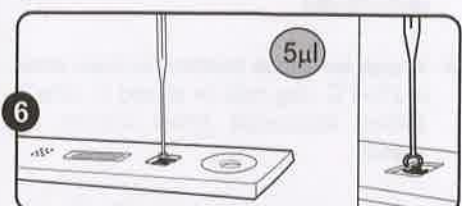
Open pouch at cut mark and remove all content; the device, disposable sample applicator & desiccant pouch. Once opened, the device must be used immediately.



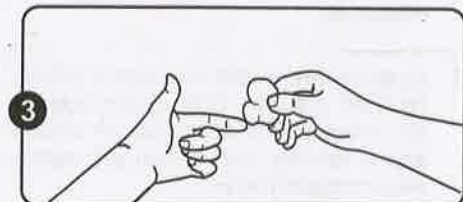
Touch the circular end of the sample applicator to the blood sample on the finger prick. Ensure that an applicator full of blood is retrieved.



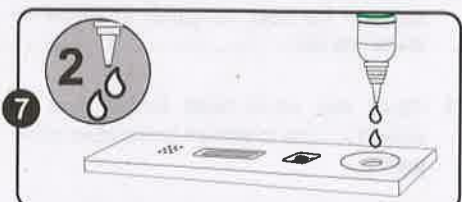
Component details are shown above. Check the colour of the desiccant. It should be blue, if it has turned colourless or pink, discard the device & use a new device.



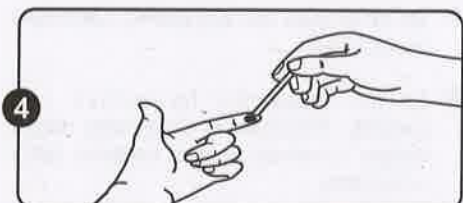
Blot the collected blood (5µl) in the sample port 'A' by touching applicator vertically straight. Ensure that the blood from the applicator has been completely taken up at the sample pad.



Clean finger to be pricked with an alcohol swab. Allow to dry.



Hold the clearing buffer bottle vertically straight over the buffer port 'B' & add exactly 2 drops of buffer onto the buffer port. Start the stop watch.

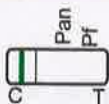


Take a lancet & prick the finger with the pointed end of the lancet.

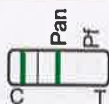


Read the test Results at the end of 20 minutes.

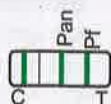
### Interpretation of Results



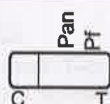
Band on 'C' Area  
**NEGATIVE**  
for Malaria



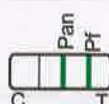
Band on 'C' & 'T' - Pan Area  
**POSITIVE**  
for Non *P.f.* Malaria



Band on 'C' & 'T' - Pan, Pf Area  
**POSITIVE**  
for *P.f.* or Mixed Infection



No band on 'C' & 'T' Area  
**INVALID**  
Repeat the test



No band on 'C'.  
Band on 'T' - Pan & /or Pf Area  
**INVALID**  
Repeat the test

# Precautions in Malaria RDT Procedure

## Dos

- ☞ Once opened use the device immediately.
- ☞ Always check the colour of desiccant immediately after opening the pouch. It should be blue in colour.
- ☞ In case of anti-coagulated venous blood, ratio of blood & anticoagulant should be accurate as recommended.
- ☞ In case test device pouches has been stored at 2°C-8°C, they must be allowed to come to ambient temperature before pouches are opened.
- ☞ Always evenly mix anti-coagulated blood sample gently before testing.
- ☞ Always make sure that the blood from sample applicator has been completely transferred to the sample pad.
- ☞ Stored cold whole blood sample must be allowed to come to ambient temperature before testing.
- ☞ Read the result only at the end of recommended reading time.
- ☞ Always lay the test device horizontally on a flat surface before testing.
- ☞ Users, who interpret the test result must be trained to read the test band signals with low analyte concentration samples.

## Don'ts

- ☞ Do not use blood samples, stored more than 72 hours.
- ☞ In case test device pouches has been stored at 2°C-8°C, do not open the pouches immediately after retrieval from 2°C-8°C storage. Cold devices will attract moisture rush thereby altering migration properties of the membrane.
- ☞ Do not use the cold whole blood sample (<25°C) as test specimen. Use of cold blood may affect the clearance of test window and also affect the sensitivity and specificity of the RDTs.
- ☞ Do not use clotted, partially clotted, lysed, or contaminated whole blood samples.
- ☞ Do not reuse the sample applicator.
- ☞ Do not intermix the buffer and devices of different lots.
- ☞ Do not dispense excess/ less drops of buffer in the buffer port than those recommended in test procedure. This could affect the reaction kinetics between target antigen and capture elements of test system.
- ☞ Do not move the device during assay. It could affect the buffer flow.
- ☞ Do not compare test band intensity with control band intensity.
- ☞ Do not repeatedly freeze/thaw test samples. Freeze/thaw accelerates target antigen denaturation and hampers test's performance.

For further information, contact :

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