

HOW TO PERFORM RAPID TEST FOR MALARIA

Training in the use of **First Response Malaria Ag. P.f. /P.v. Card Test** for Differential diagnosis of *P. falciparum* & *P. vivax* in human whole blood

- a. New unopened test device pouch
- b. New unopened alcohol swab
- c. New unopened lancet
- d. New pair of disposable gloves
- e. Assay Buffer Bottle
- f. Timer
- g. Biohazardous waste container
- h. Non-biohazardous waste container
- i. Permanent Marker



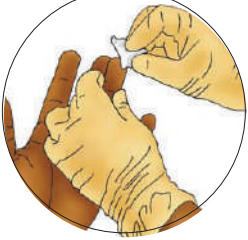


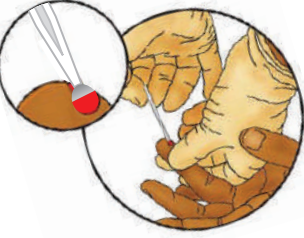
READ THE INSTRUCTIONS CAREFULLY BEFORE PERFORMING THE TEST.





1. Check expiry date on the test pouch. (If expired, do not use)

2. Put on gloves. Use new gloves for each patient.

3. Open the pouch and remove:
a. Test Device
b. Desiccant
Do not USE the test device if the desiccant color has changed from orange to green.

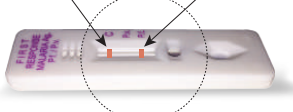
4. Label the test device with patient identification number/name


5. Wipe the patient finger with alcohol swab. (Alcohol must be dry before pricking)

6. Take the lancet and detach the cap of the lancet and pierce the finger with the lancet.

7. Dispose the lancet immediately into the sharps box.

8. Wipe the first drop of blood and take the specimen transfer Device and collect 5 µl of blood by touching the circular end of the specimen transfer device into the blood drop.


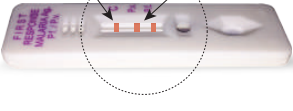
9. Touch the specimen transfer device into the specimen well vertically.

10. Dispose the used specimen transfer device into the biohazardous container.

11. Add two drops of assay buffer into the buffer well vertically.

12. Interpret the result at 20 minutes.

13. Do not Interpret after 30 minutes.

14. How to interpret test results.

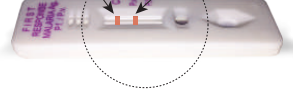
POSITIVE
Line in "C" & a line in "P.f." means the patient is Positive for *P. falciparum*.



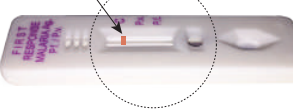
Line in "C", "P.f." & "P.v." means the patient does have mixed infection of *P. falciparum* & *P. vivax*.



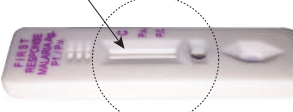
Line in "C" and a line in "P.v." means the patient is Positive for *P. vivax*.



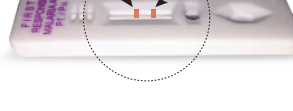
NEGATIVE
A line in "C" denotes negative result.



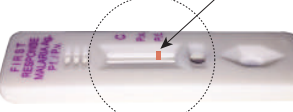
INVALID RESULT
NO line in "C", "P.f." & "P.v." means the test is INVALID




A line in "P.f." & "P.v." means the test is INVALID





ONLY line in "P.f." means the test is INVALID



ONLY line in "P.v." means the test is INVALID



The Invalid test results should be retested with new test device.

15. Record the test results. Dispose of used test device into biohazardous waste container.

16. Dispose off desiccant and used gloves in a biohazardous waste container. Dispose off the packaging materials in a non-biohazardous waste container.


NOTE: Do not re-use the test device, alcohol swab, lancet and specimen transfer device as are intended for single use only

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