

# iCARE Malaria (P.f/Pan) Rapid Screen Test

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28/02/2013

iCARE One Step Malaria P.f/Pan Whole Blood Test utilizes the principle of immunochromatography. As the test sample flows through the membrane assembly of the device after addition of the buffer, the colored monoclonal P.f specific HRP-2, Pan specific pLDH colloidal gold conjugate antibodies complexes the proteins in the lysed sample. This complex moves further on the membrane to the test region where it is immobilized by the P.f specific HRP-2 antibody / Pan specific pLDH which will lead to a formation of purple color band/s. While both the bands will appear at the test region in falciparum positive samples, only one band would appear in non-falciparum malaria positive sample. Absence of this color band/s in the test region indicates a negative test result.



To serve as a procedure control, a colored line will appear at the control region (C), if the test has been performed properly.

## Specifications

Category Name	Infectious Diseases Test
Catalog No	WF1102
Packing	40T per box
Specimen	Whole Blood / Serum / Plasma
Sample	10 ul
Format	Hospital version: 1 well cassette, pipette, diluent (4 bottles) Field version: Alcohol swab, lancet, 1 well cassette, pipette, diluent
Specificity	99.7%
Sensitivity	96.9%
Result	Within 15 minutes
Certification	CE, Sudan Health Authority
Shelf Life	24 months from date of production
Remarks	Also available iCARE Malaria (P.f/P.v) Tri-line Rapid Screen Test (Catalog No: WF1101)

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