

Malaria Combo Antigen Test

IR - 120c

Malaria is one of the world's most prevalent parasitic diseases and ranks third in the world among infectious diseases in terms of mortality. The parasitic parasites that cause malaria are from the Plasmodium genus. Four species of Plasmodium protozoa cause malaria: *Plasmodium falciparum*, *Plasmodium vivax*, *Plasmodium malarie* and *Plasmodium* noble.

P. falciparum accounts for the majority of infections and is the most lethal.

This differentiating, combination mobility test is a rapid, in-vitro immunodiagnostic test for the detection of circulating Malaria antigens in whole blood. The test uses antibodies that are specific for the histidine-rich protein 2 antigen (HRP-2) of *Malaria P.f.* and *Plasmodium* *Abdoles* for the detection of all malaria *Plasmodium* species.

Specification :

- Sample : Whole Blood
- Volumes : 2.5 μL Whole Blood
- Reading time : 5 - 30 minutes
- Sensitivity : 100 % P. falciparum, 97 % P. Other
- Specificity > 86 % P. falciparum, 86 % P. Other
- Low expiry date
- Package : 25 tests or 50 tests

Procedure

1. Add 2 sample pad 5 μL Whole Blood then one drop of the Lysing / Wash reagent to the sample pad on top of the Whole Blood
2. Add 3 drops of the Lysing / Wash reagent to the buffer well.
3. Using a timer, allow the reaction to proceed for 15 minutes.
4. Read the results within 30 minutes.

Interpretation of Result

Gnasepro

CE

RoHS

REACH