



AbChek

Malaria rapid Antigen test



INTRODUCTION

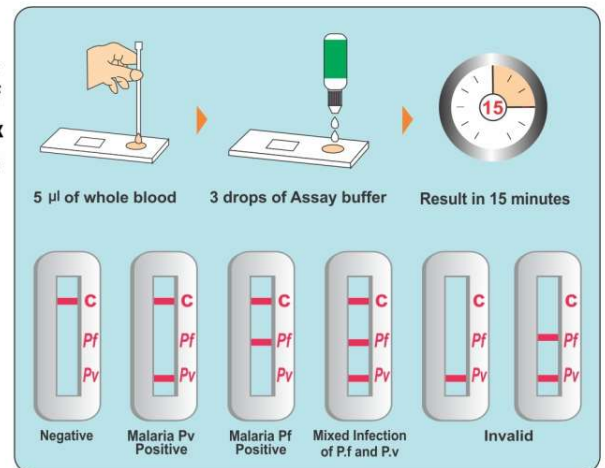
Malaria is a serious parasitic disease characterized by fever, chills, and anaemia and is caused by a parasite that is transmitted by the bite of infected Anopheles mosquitoes. There are four kinds of malaria that can infect humans *Plasmodium falciparum*, *P. vivax*, *P. ovale*, and *P. malariae*. In humans, the parasites (called sporozoites) migrate to the liver where they mature and release another form, the merozoites. At present Malaria are diagnosed microscopically using thick and thin blood films.

AbChek Rapid Malaria Pf (HRP II) / Pv(pLDH) Antigen test

AbChek Rapid Malaria Pf (HRP II) / Pv(pLDH) Antigen test is rapid, in vitro, qualitative lateral flow immunochromatography test for detection of *P.falciparum* specific histidine rich protein-II (P.f HRP-II) and *P.vivax* specific pLDH from human Whole blood samples. (Confirm Reactive results with confirmative tests like ELISA/Microscopy/PCR, etc.)

SPECIFICATIONS

- ▶ Specimen: Whole blood/Serum/Plasma
- ▶ Shelf life and storage temperature: 24 months at 4-30°C
- ▶ Performance Characteristics: Sensitivity - 100%, Specificity - 100%
- ▶ Result interpretation time: 15-20 mins.
- ▶ Immunochromatography test for differential diagnosis of malarial species Pf and Pv



AbChek Rapid Malaria Pf (HRP II) /PAN (pLDH) Antigen test

AbChek Rapid Malaria Pf (HRP II) /PAN (pLDH) Antigen test is a rapid, in vitro, qualitative lateral flow immunochromatography for the detection of *P.falciparum* specific histidine rich protein-II (Pf. HRP II) and PAN malaria (*P. vivax*, *P. ovale*. and *P. malariae*) specific pLDH from human malarial species and for the follow up of anti-malarial therapy in whole blood samples. (Confirm Reactive results with confirmative tests like ELISA/Microscopy/PCR, etc.)

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