

Fanttest

CE

# Malaria P.f./Pan Antigen Rapid Test Cassette (Colloidal Gold Method)

The Malaria Rapid Test is a rapid lateral flow chromatographic immunoassay for the detection and differentiation of Malaria P. falciparum specific histidine rich protein-2 (Pf HRP-II) and pLDH (Plasmodium lactate dehydrogenase) specific to Plasmodium species (Pan) in human blood specimen as an aid in the diagnosis of Malaria infection.



## Methodology

Using the principle of double antibody sandwich method.



## Operation

Simple operation, easy to interpret, sampling and testing can be done at any time.



## Detection

The detection is fast, the result can be interpreted in 10 minutes.



## Accuracy

High sensitivity and specificity.



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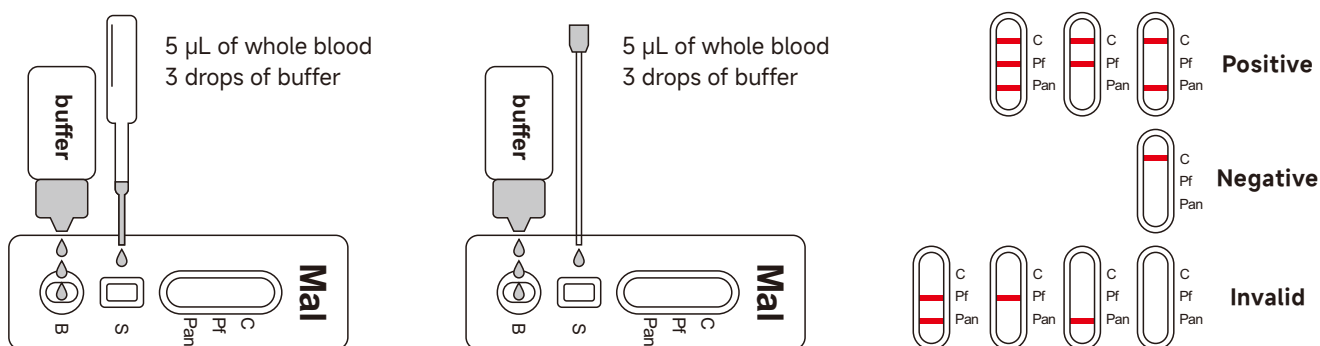
## Product background

Malaria is an infectious disease caused by plasmodium parasites in the human body. Infected by malaria mosquito bites or transfusion of the blood of a person carrying malaria parasites. Different malaria parasites cause vivax, falciparum and ovarian malaria respectively. Malaria is mainly manifested as periodic and regular attacks, with body chills, fever, and hyperhidrosis. After a long period of repeated attacks, it can cause pelvic blood and splenomegaly. Children have a high morbidity rate, mostly in summer and autumn. The mortality rate of falciparum malaria is extremely high. Therefore, it is very important to reduce the time to eliminate through detection.

## Intended use

The Malaria Rapid Test is a rapid lateral flow chromatographic immunoassay for the detection and differentiation of Malaria P. falciparum specific histidine rich protein-2 (Pf HRP-II) and pLDH (Plasmodium lactate dehydrogenase) specific to Plasmodium species (Pan) in human blood specimen as an aid in the diagnosis of Malaria infection.

## Operation steps and result interpretation



- **P.f. positive (+):** One color line should be in the control area (C), and the other color line should be in the detection area P.f.. The result is positive for Malaria P.f..
- **Pan positive (+):** One color line should be in the control area (C), and the other color line should be in the detection area Pan. The result is positive for Malaria Pan.
- **P.f. and Pan positive (+):** The control area (C) should have one color line, and the detection line area should have two color lines for P.f. and Pan. The result was positive for Malaria P.f. and Pan.
- **Negative (-):** Only a purple-red band appears in the quality control area (C). There is no purple-red band in the detection area (P.f./Pan).
- **Invalid:** There is no purple-red band in the quality control area (C).

## Product information

Product name	Specimen	Format	Pack/box	Shelf life	Storage temperature	Certificate
Malaria P.f./Pan Antigen Rapid Test Cassette (Colloidal Gold Method)	WB	Cassette	25T	24months	2-30°C	CE