

SD BIOLINE Malaria Ag P.f/Pan

Malaria Antigen P.f/Pan (HRP-II/pLDH) Test

Malaria is a serious and sometimes fatal parasitic disease characterized by fever, chills and anemia. The disease is caused by a parasite that is transmitted from one human to another through the bite of infected *Anopheles* mosquitoes. The disease now occurs in 95 countries worldwide, and it is estimated that there are over 214 million clinical cases and 438,000 malaria-caused deaths in 2015, 95 % of them are African children. The infection with *P. falciparum*, if not promptly treated, may be fatal.



General Information

SD BIOLINE Malaria Ag P.f/Pan test is rapid, qualitative and differential test for the detection of HRP-II specific to *P. falciparum* and pLDH specific to Malaria plasmodium (*P.f.*, *P.v.*, *P.m* and *P.o*) in human blood.

- Distinguish the *P.f* infection from other species (*P.v.*, *P.m* or *P.o*)
- Useful for the region where all malaria species are circulated
- WHO prequalified
- Specimen : Whole blood (5 µl)
- Test result : 15 minutes (up to 30 minutes)
- Shelf life and storage temperature: 24 months from the date of manufacturing at 1-40 °C
- Performance:
 - *P.f* (HRP-II) : Sensitivity-99.7 %, Specificity-99.5 %
 - Pan (pLDH) : Sensitivity-95.5 %, Specificity-99.5 %

Materials Provided

- Test device
- Disposable specimen applicator (Capillary Pipette, Inverted cup)
- Assay diluent
- Option : Lancet, alcohol swab

Test Procedure

1 Add Specimen

Dispense 5 µl of whole blood into the round specimen well.

Inverted cup Capillary pipette

2 Add Assay Diluent

Dispense 4 drops of assay diluent into the square assay diluent well.

3 Read Results

Wait 15 mins. (up to 30 minutes)

Negative

Malaria P.f Positive

Malaria Pan Positive

Malaria Mixed Infection

Invalid

Ordering Information

Product	Cat. No.	Type	Specimen	Pack Size
Malaria Ag P.f/Pan	05FK60	Device	Whole blood	25T/Kit
Malaria Ag P.f/Pan	05FK61	Device, Safety lancet	Whole blood	25T/Kit
Malaria Ag P.f/Pan	05FK62	Device (POCT), Safety lancet	Whole blood	1Pack X 25/kit
Malaria Ag P.f/Pan	05FK63	Device (POCT)	Whole blood	1Pack X 25/kit
Malaria Ag P.f/Pan	05FK67	Device (POCT)	Whole blood	1Pack X 30/kit

[Order SD BIOLINE Malaria Ag P.f/Pan Online](#)