

SD BIOLINE Malaria Ag P.f

Malaria Antigen P.f (HRP-II) 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 test is rapid, qualitative detection of HRP-II (Histidine-rich protein II) specific to *P. falciparum* in human blood specimen.

- Specific and accurate diagnosis specific for *P. falciparum*
- 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: Sensitivity-99.7 %, Specificity-99.5 %

Materials Provided

- Test device
- Assay diluent
- Disposable specimen applicator (Capillary Pipette, Inverted cup)
- 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
C P.f

Positive
C P.f

Invalid
C P.f

C P.f

Ordering Information

Product	Cat. No.	Type	Specimen	Pack Size
Malaria Ag P.f	05FK50	Device	Whole blood	25T/Kit
Malaria Ag P.f	05FK51	Device, Safety lancet	Whole blood	25T/Kit
Malaria Ag P.f	05FK52	Device (POCT), Safety lancet	Whole blood	1Pack X 25/Kit
Malaria Ag P.f	05FK53	Device (POCT)	Whole blood	1Pack X 25/Kit

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