



malascan[®] PLUS
Rapid test for the detection of Malaria Pf/Pan

Intended Use: _____

malascan[®] PLUS is a rapid, self performing, qualitative, two site sandwich immunoassay utilizing whole blood for the detection of *P.falciparum* specific histidine rich protein-2 (Pf. HRP-2) and Pan malaria specific pLDH.

malascan[®] PLUS kit components:

Device	Membrane assembly pre-dispensed with monoclonal anti-Pf. HRP-2 (IgG) colloidal gold conjugate, monoclonal anti-Pan specific pLDH-colloidal gold conjugate, rabbit globulin-colloidal gold conjugate and monoclonal anti-Pf. HRP-2 (IgM) antibody, monoclonal anti-Pan specific pLDH antibody and anti-rabbit antibody at the respective regions.
Buffer	Ready to use buffer in a dropper bottle
Loop	Disposable 5 µl sample dispensing loops
Other Accessories	Desiccant pouch and Package Insert

Performance Characteristics:

Sensitivity: 100% correlation with microscopy	Specificity: 100% correlation with microscopy
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FEATURES	BENEFITS
Uses monoclonal antibodies against Pf. HRP-2 and pan specific pLDH antigen	Sensitivity and specificity in excess of 98% for <i>P. falciparum</i> and all other malarial species
Employs Heterophile Binding Reagent (HBR)	Test results are interference protected
Pan specific pLDH band enables sensitive detection of all malarial species; <i>P. falciparum</i> , <i>P. vivax</i> , <i>P. ovale</i> and <i>P. malariae</i>	Speciation through pan band, in falciparum negative but other malaria positive cases, is based on the context of epidemiology
Uses whole blood from finger prick or primary tube, as a sample	Well suited for field conditions, on-site diagnosis, pathological labs and reference labs, alike.
Composite kit	No additional material required for testing
Easy to use	Simple 20 minutes assay, storage at 1-40 ^o C

Storage / Stability	Temperature	Duration
Unopened kit	1-40 ^o C	24 Months
Opened pouch	Room temperature	Use immediately

Available Pack Sizes	
25 Tests	50 Tests