



Zephyr Biomedicals

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

Intended Use: _____

parascreen[®] is used for the detection of *P.falciparum* specific histidine rich protein-2 (Pf HRP-2) and pan specific pLDH, for differentiation of *P. falciparum* and other malarial species viz *P.vivax*, *P.ovale* & *P. malariae* and for the follow up of antimalarial therapy, in whole blood samples.

parascreen[®] kit components:

Device	Membrane assembly predisposed with monoclonal Anti-Pf. HRP-2 (IgG) antibody colloidal gold conjugate, monoclonal Anti-Pan specific pLDH antibody - colloidal gold conjugate, rabbit globulin colloidal gold conjugate, 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 loops
Other Accessories	Desiccant pouch and Package Insert

Performance Characteristics:

Sensitivity: 100% correlation with microscopy	Specificity: 100% specific to <i>P.falciparum</i> HRP-2 and pan specific pLDH
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FEATURES	BENEFITS
Uses monoclonal antibodies against Pf. HRP-2 and pan specific pLDH	1. Sensitivity and specificity in excess of 98% for <i>P. falciparum</i> and all other malarial species 2. Pan pLDH band useful for screening blood bags, potential donors and monitoring of anti-malarial therapy
Employs Heterophile Binding Reagent (HBR)	Tests results are interference protected
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 4-30° C

Storage / Stability	Temperature	Duration
Unopened kit	4-30°C	24 Months
Opened pouch	4-30°C	Use immediately

Available Pack Sizes	
1 Test	10 Tests
25 Tests	