



parascreeN	Rapid Test for Malaria (Pan/Pf)
<b>Application</b>	For the detection <i>P.falciparum</i> specific histidine rich protein-2 (Pf HRP-2) and pan specific pLDH, for differentiation of <i>P. falciparum</i> and other malarial species viz <i>P.vivax</i> , <i>P.ovale</i> & <i>P. malariae</i> and for the follow up of antimalarial therapy, in whole blood samples.
<b>Principle</b>	Self performing, rapid, qualitative immunoassay, lateral flow device
<b>Sensitivity</b>	100% in correlation with microscopy
<b>Specificity</b>	100% specific to <i>P.falciparum</i> HRP 2 and pan specific pLDH
<b>Reagents</b>	<ul style="list-style-type: none"> <li>• Membrane assembly pre-dispensed with Agglutinating sera for HRP-2 - colloidal gold conjugate,</li> <li>• Agglutinating sera for Pan malaria specific pLDH - colloidal gold conjugate, rabbit globulin-colloidal gold conjugate,</li> <li>• Agglutinating sera for HRP-2,</li> <li>• Agglutinating sera for Pan malaria specific pLDH and</li> <li>• Agglutinating sera for rabbit globulin at the respective regions</li> <li>• Clearing Buffer</li> </ul>
<b>Test duration</b>	Twenty minutes assay
<b>Storage / Stability</b>	1-40°C, 2 years

Presentation	Pack	Cat.No.
PARASCREEEN kit contains	1 Test	503160001

individually pouched device, 5 ml sample loop and clearing buffer	5 Tests	503160005
	10 Tests	503160010
	25 Tests	503160025
	50 Tests	503160050
	100 Tests	503160100





Zephyr Biomedicals

## Quick Reference Guide

**parascreen®**

### 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:

<b>Device</b>	Membrane assembly pre-dispensed with Agglutinating sera for HRP-2 - colloidal gold conjugate, Agglutinating sera for Pan malaria specific pLDH - colloidal gold conjugate, rabbit globulin-colloidal gold conjugate, Agglutinating sera for HRP-2, Agglutinating sera for Pan malaria specific pLDH and Agglutinating sera for rabbit globulin at the respective regions.
<b>Buffer</b>	Ready to use buffer in a dropper bottle
<b>Sample Applicator</b>	Disposable inverted cup sample applicator
<b>Other Accessories</b>	Desiccant pouch, Package Insert and Pictorial instruction for use

#### Performance Characteristics:

<b>Sensitivity:</b> 100% correlation with microscopy	<b>Specificity:</b> 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	<ol style="list-style-type: none"> <li>1. Sensitivity and specificity in excess of 98% for <i>P. falciparum</i> and all other malarial species</li> <li>2. Pan pLDH band useful for screening blood bags, potential donors and monitoring of anti-malarial therapy</li> </ol>
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 1-40° C

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

Available Pack Sizes		
1 Test	5 Tests	10 Tests
25 Tests	50 Tests	100 Tests

