



Zephyr Biomedicals

**parabank<sup>®</sup>**  
**Rapid test for the detection of Malaria Pan**  
**(Device)**

**Intended Use:** \_\_\_\_\_

parabank<sup>®</sup> is used for the detection of pan specific pLDH, utilizing whole blood samples. parabank<sup>®</sup> is especially designed to exclude infected blood from the blood supply in the blood bags to prevent transfusion- acquired malaria.

**parabank<sup>®</sup> kit components:**

<b>Device</b>	Membrane assembly pre-dispensed with monoclonal Anti Pan specific pLDH antibody - colloidal gold conjugate, rabbit globulin - colloidal gold conjugate, monoclonal Anti Pan specific pLDH antibody and Anti-rabbit antibody at the respective regions
<b>Buffer</b>	Ready to use buffer in a dropper bottle
<b>Loop</b>	Disposable 5 µl sample loops
<b>Other Accessories</b>	Desiccant pouch and Package Insert

**Performance Characteristics:**

<b>Sensitivity:</b> 100% correlation with microscopy	<b>Specificity:</b> 100% specific to Pan specific pLDH
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FEATURES	BENEFITS
<b>Uses monoclonal antibodies against pan specific pLDH</b>	Ensures detection of all four plasmodium species ( <i>P. falciparum</i> , <i>P. vivax</i> , <i>P. ovale</i> , <i>P. malariae</i> )
<b>Antigen based immunochromatographic assay</b>	Identifies only current Plasmodium infection. Ideal for screening blood donors in endemic regions.
<b>Employs Heterophile Binding Reagent (HBR)</b>	Tests results are interference protected
<b>Uses whole blood from finger prick or primary tube, as a sample</b>	<ol style="list-style-type: none"> <li>Well suited for field conditions, on-site diagnosis, pathological labs and voluntary blood collection drives.</li> <li>Ideal for screening blood donors on a large scale</li> <li>Ideal for screening blood bags for malaria</li> </ol>
<b>Composite kit</b>	No additional material required for testing
<b>Easy to use</b>	Simple 20 minutes assay, storage at 4-30° C

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

Available Pack Sizes	
10 Tests	25 Tests