



## ELISA for the detection of Malaria specific antigen (pLDH) in human blood

<b>Application</b>	For the qualitative detection of Malaria specific antigen (pLDH) in human blood.
<b>Principle</b>	Enzyme linked immunoassay (ELISA)
<b>Sensitivity</b>	100%
<b>Specificity</b>	100%
<b>Reagents</b>	<ul style="list-style-type: none"> <li>• <b>Coated microwells:</b> Microwells coated with agglutinating sera for pan malaria specific pLDH</li> <li>• <b>Positive control:</b> Agglutinating sera for mouse globulin with stabilizer. Produces positive reaction.</li> <li>• <b>Negative control:</b> Bovine serum albumin with stabilizer. Produces negative reaction and is used for cut-off calculations.</li> <li>• <b>Enzyme Conjugate:</b> Streptavidin-HRP conjugate (50x). To be diluted 50 times with conjugate diluent.</li> <li>• <b>Conjugate Diluent:</b> Buffered solution containing stabilizing proteins and 0.1% sodium azide as preservatives.</li> <li>• <b>Antibody reagent:</b> Agglutinating sera for Pan malaria specific pLDH (50 X) To be diluted with conjugate diluent</li> <li>• <b>Sample diluent :</b> Buffered solution containing stabilizing proteins and 0.1% sodium azide as preservatives.</li> <li>• <b>Substrate:</b> Solution containing Tetramethyl benzidine (TMB) and hydrogen peroxide. Ready to use.</li> <li>• <b>Wash buffer :</b> Buffer containing surfactants (20x). To be diluted 20 times with distilled water or deionized water.</li> <li>• <b>Stop solution :</b> Dilute Sulphuric acid. Ready to use</li> </ul>
<b>Test duration</b>	120 minutes
<b>Storage / Stability</b>	2-8°C, 12 months

<b>Presentation</b>	<b>Pack</b>	<b>Cat.No.</b>
<b>QUALISA Malaria</b> kit contains, <ul style="list-style-type: none"><li>• Microwell strips (3 x 8 wells/pouch)</li><li>• Reagents</li><li>• Accessories</li></ul>	96 Tests	405010096
	192 Tests	405010192
	480 Tests	405010480

