



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

Presentation	Pack	Cat.No.
QUALISA Malaria kit contains, <ul style="list-style-type: none">• Microwell strips (3 x 8 wells/pouch)• Reagents• Accessories	96 Tests	40903096
	192 Tests	40903192
	480 Tests	40903480

