

PRODUCT SPECIFICATIONS

Name	Recombinant HRP2 antigen, 100 µg
Description	Recombinant <i>Plasmodium falciparum</i> histidine-rich protein 2 (HRP2). Predicted molecular weight: 33 kDa.
Production host	<i>Escherichia coli</i> (<i>E. coli</i>)
Product code	610081
Product formulation	Lyophilized from 0.2 µm filtered solution
Product buffer	25 mM sodium acetate, pH 5.0, 0.02 % Tween 20, 150 mM NaCl; containing 6 % sucrose as a stabilizer
Reconstitution	Reconstitute lyophilized protein with 200 µl of deionized water
Shelf life and storage	Shelf life unspecified, storage at 2–8 °C
Analyte description	Malaria is caused by protozoan parasites belonging to the genus <i>Plasmodium</i> . The majority of malaria-related deaths are linked to the species <i>Plasmodium falciparum</i> . Monoclonal antibodies against <i>P. falciparum</i> histidine-rich protein 2 (HRP2) are widely used in malaria rapid diagnostic tests as the parasite secretes substantial amounts of the protein into the host bloodstream.
Product concentration	0.5 mg/ml when reconstituted with 200 µl of deionized water
Purity	> 90 % (SDS-PAGE)
Reactivity with MedixMABs	Anti-HRP2 clone 3901: + Anti-HRP2 clone 3902: +

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Oy Medix Biochemica Ab

Headquarters and manufacturing
Klovinpellontie 3
FI-02180 Espoo, Finland

medix@medixbiochemica.com
www.medixbiochemica.com
VAT reg. no. FI4631532