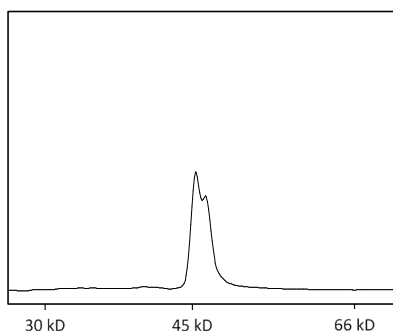


## Recombinant HRP2 antigen, 100 µg

<b>Catalog number</b>	610081
<b>Description</b>	Recombinant <i>Plasmodium falciparum</i> histidine-rich protein 2 (HRP2). Predicted molecular weight: 33 kDa.
<b>Amino acid sequence</b>	Not Determined (N/D)
<b>Product host</b>	<i>Escherichia coli</i> ( <i>E. coli</i> )
<b>Product formulation</b>	Lyophilized
<b>Product buffer solution</b>	Lyophilized from 25 mM sodium acetate, pH 5.0, 0.02 % Tween 20, 150 mM NaCl; containing 6 % sucrose as a stabilizer
<b>Reconstitution</b>	Reconstitute the lyophilized protein with deionized water
<b>Shelf life and storage</b>	Unspecified for lyophilized product, storage at 2–8 °C. After reconstitution 1 week at 2–8 °C and 1 month at -20 °C.
<b>Analyte description</b>	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.
<b>Product concentration</b>	N/A
<b>Purity</b>	Capillary electrophoresis (CE-SDS)



<b>Antibodies tested</b>	Anti-HRP2 3901: + Anti-HRP2 3902: +
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**Legal disclaimer**