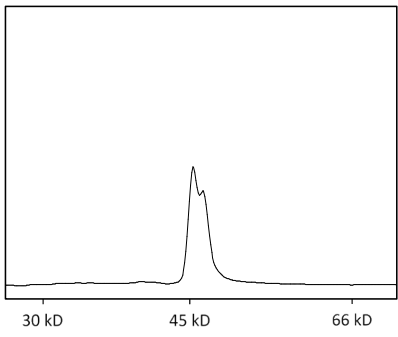


Product specifications

| | |
|---------------------------|---|
| Name | Recombinant HRP2 antigen, 100 µg |
| Description | Recombinant <i>Plasmodium falciparum</i> histidine-rich protein 2 (HRP2). Predicted molecular weight: 33 kDa. |
| Amino acid sequence | Not Determined (N/D) |
| Product host | <i>Escherichia coli</i> (<i>E. coli</i>) |
| Product code | 610081 |
| Product formulation | Lyophilized |
| Product buffer solution | Lyophilized from 25 mM sodium acetate, pH 5.0, 0.02 % Tween 20, 150 mM NaCl; containing 6 % sucrose as a stabilizer |
| Reconstitution | Reconstitute the lyophilized protein with deionized water |
| Shelf life and storage | Unspecified for lyophilized product, storage at 2–8 °C. After reconstitution 1 month at 2–8 °C and 1 month at -20 °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 | N/A |
| Purity | Capillary electrophoresis (CE-SDS)  |
| Reactivity with MedixMABs | Anti-HRP2 3901: + Anti-HRP2 3902: + |