

### Certificate of Analysis

<b>Name:</b>	Pan Plasmodium Aldolase Protein
<b>Product code:</b>	REC31734-100 REC31734-500
<b>Batch #:</b>	
<b>Description:</b>	Pan Plasmodium aldolase antigen, composed of the full length of the amino acid sequence of the <i>P. falciparum</i> aldolase (gene accession: AAA29716.1) which was expressed and purified from <i>E. coli</i> . Migrates at ~66 kDa on SDS-PAGE and pI is 6.82.
<b>Amount:</b>	100µg 500µg
<b>Concentration:</b>	1 mg/mL by Bradford protein assay.
<b>Purity:</b>	≥ 95% pure (12.5% SDS-PAGE, Coomassie blue stain).
<b>Presentation:</b>	Clear liquid.
<b>Buffer:</b>	10 mM Tris-HCl, pH 8.5, 10 mM NaCl
<b>Preservatives:</b>	0.099% Thimerosal, 5 mM EDTA, 1 µg/mL, Leupeptin, 1 µg/mL Aprotinin and 1 µg/mL, Pepstatin A.
<b>Applications:</b>	Immunoassay For Research Use Only.
<b>Usage guidelines:</b>	
<b>Storage:</b>	Store at -20°C. For long-term storage, store at -80°C. Avoid multiple freeze/thaw cycles.



**SDS-PAGE:** Protein was analysed in 12.5% SDS-PAGE with Coomassie blue staining.

