



PRODUCT PROFILE

PRODUCT:	Purified <i>Plasmodium falciparum</i> HRP II
CATALOG NUMBER:	AG55-0092-Z
LOT NUMBER:	
QUANTITY:	
PHYSICAL STATE:	Frozen Liquid
BUFFER:	Phosphate buffered saline, pH 7.2.
PRESERVATIVE:	0.09% sodium azide
STORAGE:	Store at -20°C. The thawed product is stable at 4°C for one week. Following the initial thaw, please prepare multiple aliquots and store at -20°C. It is not recommended to store the product in a frost-free freezer. Multiple freeze-thaw cycles are not recommended.
EXPIRATION:	12 months from shipment date.
PROCEDURE:	Recombinant <i>Plasmodium falciparum</i> Histidine-Rich Protein II (UniProt#P90582, a.a. 21-309) with a 6xHIS tag was expressed in <i>E.coli</i> and purified by nickel affinity chromatography. Under reducing conditions, the protein is detected at an estimated molecular weight of 40 kDa.
SPECIFICATIONS:	The product is determined to be >90% pure based on SDS-PAGE analysis. Its concentration is determined using a Bradford protein assay with a BSA standard curve. The protein reacts with the monoclonal Mouse anti- <i>Plasmodium falciparum</i> MPFG-55A antibody, as verified by western blotting and ELISA.

**FOR RESEARCH AND MANUFACTURING ONLY; NOT FOR USE IN DIAGNOSTIC APPLICATIONS.
FOR IN VITRO USE ONLY, NOT FOR HUMAN OR ANIMAL CONSUMPTION**

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