

Product datasheet for **AR05249PU-S**

Plasmodium falciparum (Histidine Rich Protein-2 (HRP2)) Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Plasmodium falciparum Histidine Rich Protein-2 (HRP2) recombinant protein, 0.1 mg
Concentration:	lot specific
Purity:	~90% by SDS PAGE analysis
Buffer:	State: Liquid purified protein Buffer System: 20 mM carbonate pH 9.6 containing 0.09% Sodium Azide (NaN ₃)
Preparation:	Liquid purified protein
Applications:	ELISA.
Protein Description:	This antigen is recombinant Plasmodium falciparum histidine rich protein-2, a 33 kDa member of the histidine rich protein family found in the malaria parasite.
Note:	Caution: (A full Health and Safety assessment is available upon request) This product contains Sodium Azide: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	Store the protein at -20°C. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Synonyms:	Malaria
Summary:	Histidine rich protein-2 is secreted by Plasmodium falciparum into the host erythrocyte cytosol and is expressed on the cell membrane or associated with the cytoskeleton of infected erythrocytes. Histidine rich protein-2 is thought to polymerise free haem to form haemozoin. It is also thought to play a role in the polymerisation of ferriprotoporphyrin IX, a by-product of haemoglobin degradation.
Protein Families:	ELISA.

