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Plasmodium falciparum HSP70 (33-114) - Purified

Catalog No.:	AR10732PU-N
Quantity:	0.5 mg
Background:	Plasmodium falciparum heat shock proteins (PfHSPs) contribute to immunopathological alterations in infected hosts PfHSP70s may have a significant function during parasite adaptation in its environments. They have also been a focus of considerable attention due to their immunodominant antigenic nature and their properties as mediators of protective immunity.
Source:	E. coli
Format:	Purity: >95.0% pure as determined by 10.0% PAGE (coomassie staining) and RP-HPLC. Method: Plasmodium Falciparum was purified by proprietary chromatographic technique. Buffer System: 150mM Imidazole, pH 8.0, 150mM NaCl, 150mM Sodium Phosphate and 50% Glycerol
Applications:	Use as an antigen in ELISA and Western Blots. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Description:	The <i>E.coli</i> derived recombinant Plasmodium falciparum contains the Plasmodium falciparum HSP70 protein epitopes 33-114 amino acids.
Storage:	Store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.