



Recombinant Plasmodium falciparum Circumsporozoite protein (a.a. 107-129) (DAG- P2853)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

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| Product Overview | P. falciparum Plasmodium falciparum Circumsporozoite protein fragment |
| Antigen Description | The circumsporozoite protein is the immunodominant surface antigen on the sporozoite (the infective stage of the malaria parasite that is transmitted from the mosquito to the vertebrate host). It contains 1 TSP type-1 domain. |
| Species | P. falciparum |
| Purity | > 95 % by SDS-PAGE. This antigen is purified by a proprietary chromatographic technique. Purity is >95% pure as determined by 10% PAGE (coomassie staining) and RP-HPLC. |
| Conjugate | Unconjugated |
| Applications | WB ELISA SDS-PAGE |
| Format | Liquid |
| Buffer | Preservative: 150mM Imidazole Constituents: 50% Glycerol, 25mM Sodium phosphate, 150mM Sodium chloride, pH 8.0 |
| Preservative | None |
| Storage | Store at -20°C. Stable for 12 months at -20°C Preservative: 150mM Imidazole Constituents: 50% Glycerol, 25mM Sodium phosphate, 150mM Sodium chloride, pH 8.0 |

BACKGROUND

Introduction

Plasmodium falciparum is a protozoan parasite, one of the species of Plasmodium that cause malaria in humans. It is transmitted by the female Anopheles mosquito. Malaria caused by this species (also called malignant or falciparum malaria) is the most dang

Keywords

Circumsporozoite (CS) protein; Circumsporozoite protein; CS; MAL3P2.11 circumsporozoite (CS) protein; PFC0210c; P. falciparum Circumsporozoite; Plasmodium falciparum Circumsporozoite