

Recombinant Plasmodium Vivax MSP-1 (a.a. 108)

Cat.No:DAG447

Lot. No. (See product label)

PRODUCT INFORMATION

Storage	aliquot and store at -20oC. Avoid multiple freeze/thaw cycles.
Antigen Description	The Plasmodium merozoite specific protein 1 (MSP1) is a blood stage antigen that has been studied extensively and remains a potential vaccine candidate.
Source	E. coli.
Buffer	PBS, pH 7.2
Concentration	Lot specific
Applications	Suitable for use in ELISA. Each laboratory should determine an optimum working titer for use in its particular application. Other applications have not been tested but use in such assays should not necessarily be excluded.
Form	Purified, Liquid
Preservative	None
Purity	~90% pure (SDS-PAGE)
Key words	Plasmodium vivax; Plasmodium vivax MSP-1; P. vivax; P. vivax MSP-1; Plasmodium vivax merozoite specific protein 1; Plasmodiidae; Plasmodium; Plasmodium vivax MSP-1 antigen; Plasmodium vivax MSP-1 protein

Background

Introduction	Plasmodium vivax is a protozoal parasite and a human pathogen. The most frequent and widely distributed cause of recurring (tertian) malaria, P. vivax is one of the four species of malarial parasite that commonly infect humans. It is less virulent than Plasmodium falciparum, which is the deadliest of the four, and is seldom fatal. P. vivax is carried by the female Anopheles mosquito, since it is the only sex of the species that bites.
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