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Malaria Pf. MSP1

Malaria Falciparum MSP1 Recombinant
VAG0397

Product Overview

Name	Malaria Pf. MSP1

Description

Malaria Falciparum MSP1 Recombinant

Introduction

Plasmodium falciparum is a protozoan parasite, one of the species of Plasmodium that cause malaria. Malaria parasites are members of the Apicomplexa. Apicomplexa are characterized by a set of organelles found in some stages of the parasite's life cycle. These organelles, collectively known as apical organelles because of their localization at one end of the parasite, are involved in interactions between the parasite and host. In particular, the apical organelles have been implicated in the process of host cell invasion. In the case of Plasmodium, three distinct invasive forms have been identified: sporozoite, merozoite, and ookinete.

Physical Appearance

Sterile Filtered clear solution.

Formulation

Sterile Filtered solution containing 50mM Tris Base and 25mM k 2 co 3 .

Stability

Pf. MSP1 although stable at 4°C for 1 week, should be stored below -18°C. Please prevent freeze thaw cycles.

Purity

Protein is >90% pure as determined by 10% PAGE (coomassie staining).

Applications

Rapid test and Immunoassay.

Precautions

Malaria Pf. MSP1 is for research use only and not for use in diagnostic or therapeutic procedures.