

CERTIFICATE OF ANALYSIS

Important Note: Centrifuge before opening to ensure complete recovery of vial contents.

Catalog #: R01604 **Lot #:** 8A02521

Description: *P. falciparum* MSP-1 Recomb.
Plasmodium falciparum (Malaria) Merozoite Surface Protein 1 (MSP-1) Recombinant
Contains a 6 His tag.
Molecular weight is ~16.5 kDa.

Source: *E. coli*

Format: Purified, Liquid

Purification: ≥ 85% pure (SDS-PAGE). Metal Affinity Chromatography

Concentration: 4.86 mg/mL

Buffer: 10 mM Carbonate, pH 9.5

Preservative: 0.1% Sodium Azide

Applications: Suitable for use in ELISA and Lateral Flow as the capture antigen for detection of antibodies to *P. falciparum*. 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.

Storage: Store at 2-8°C for up to 1 month. Store long term at -70°C. Aliquot to avoid multiple freeze/thaw cycles.

Inactivation: Not Applicable

Safety Note(s): Refer to the appropriate Safety Data Sheet (SDS) for additional information.

Quality Signature:



27 JAN 2021

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY