

BioassayPlus Inc.

4510 Rhodes Dr., Windsor, Canada N8W 5K5

Certificate of Analysis

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

Product name: Recombinant *S. typhi* outer membrane protein

Catalog #: Typhi-OMP

Description: *S. typhi* is a common pathogen causing typhoid fever, it affects more than 17 million people with nearly 600,000 deaths annually in the world; untreated typhoid fever cases result in mortality rates ranging from 12-30% . *S. typhi* outer membrane protein is an important immunogen to react to specific IgM and IgG from infected patient, it is also a potential target for vaccine development.

This recombinant *S. typhi* OMP has 320 amino acids with 33 kDa molecular size, a 6 x his tag is fused at its C-terminus. It can be used for lateral flow immunoassay or ELISA test for specific *S. typhi* IgG and IgM,

Source: *E. coli*

Format: Purified, Liquid

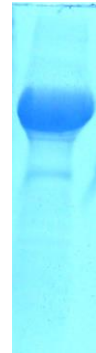
Purification: >95% pure (10% SDS-PAGE, Coomassie blue stain)

Concentration: 1.23 mg/ml (lot 10-20/2015)

Buffer: 10mM Tris-HCl, 1mM EDTA, 50mM arginine

Applications: lateral flow rapid test, immunoassay

Storage: Upon receipt, aliquot and store at -20°C, avoid repeated freezing/thawing .



← 33kDa, *S. typhi* H antigen, lot 10/2015, 1.23mg/ml