

**Bioassayplus Inc.**  
4510 Rhodes. Windsor, Canada N8W 5K5

**Certificate of Analysis**

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

**Product name:** Recombinant Treponema pallidum membrane protein

**Catalog:** TmpA

**Description:** TmpA is a recombinant protein derived from Treponema pallidum inner membrane protein, it contains 312 amino acids with 6 x his tag at its C-terminus, migrating at 35kDa.

**Source:** *E. coli*

**Format:** Purified, Liquid

**Molecular weight:** 35kDa

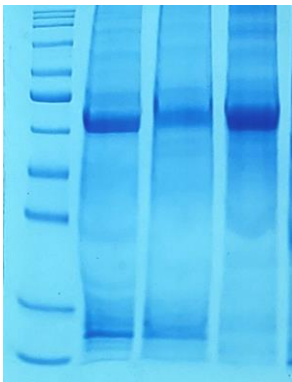
**Purity:** >95% pure (10% SDS-PAGE, Coomassie blue stain).

**Concentration:** 1. 3mg/ml (Lot: 02-2023)

**Buffer:** PBS /25mM K<sub>2</sub>CO<sub>3</sub>

**Storage:** Store in 4°C for short time only, aliquot to avoid repeated freezing and thawing, store at -20°C.

**Applications:** Immunoassay and rapid test



Lot : 02-2023

TmpA	5ug	2.5ug	1.25ug	0.625ug	0.3ug	0.15ug	78ng	40ng	ug/ml
1:250 dilution	0.555	0.637	0.677	0.612	0.755	0.822	0.590	0.552	Syphilis 230101
1:250 dilution	0.081	0.094	0.121	0.125	0.184	0.113	0.154	0.152	Normal serum
Signal / Background	6.85	6.78	5.59	4.89	5.60	4.10	3.83	3.63	

Oct. 2, 2023 ELISA test for the lot 02-2023