

CERTIFICATE OF ANALYSIS

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

Catalog #: R01632 **Lot #:** 1F15821

Description: *T. pallidum* TmpA Recombinant
Treponema pallidum, Treponemal Membrane Protein A (TmpA) Full Length, Recombinant

Reacts with human *T. pallidum* positive serum. 42 kDa with Beta-galactosidase (114 kDa) fused at the N-terminus.

Source: *E. coli*

Format: Purified, Liquid

Purification: > 95% pure (SDS-PAGE).
Purified from Inclusion bodies followed by 2-step ion exchange chromatography.

Concentration: 1 mg/mL (OD280nm)

Buffer: 10 mM Sodium Phosphate, 20 mM Sodium Chloride, pH 9.0.

Preservative: None

Applications: Suitable for use in ELISA, Western Blot and Immunochromatographic assays. 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: Short term (up to 3 months) store at 2-8°C. Long term, aliquot and store at -80°C. Avoid multiple freeze/thaw cycles.

Inactivation: Not Applicable

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

Quality Signature:



11 JUN 2021

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY