

CERTIFICATE OF ANALYSIS

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

Catalog #: R8A404 **Lot #:** 2F17522

Description: *T. pallidum* TmpA Ag. Recombinant
Treponema pallidum, *Treponemal* Membrane Protein A (TmpA), Recombinant, Full Length
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: 8 M Urea, 20 mM Tris-HCl, pH 8.0 including 10 mM Beta-Mercaptoethanol.

Preservative: None

Applications: Suitable for use in ELISA, and Western Blot. 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 2 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:



24 Jun 2022

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY