

## CERTIFICATE OF ANALYSIS

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

**Catalog #:** R8A201 **Lot #:** 3B05622

**Description:** *T. pallidum* p17 Ag. Recombinant  
*Treponema pallidum* p17 Antigen, Recombinant, Full Length

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

**Source:** *E. coli*

**Format:** Purified, Liquid

**Purification:** > 95% pure (SDS-PAGE). 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 containing 10 mM Beta-mercaptoethanol.

**Preservative:** None

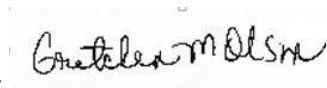
**Applications:** Suitable for use in ELISA and Western Blot. Each laboratory should determine an optimum working titer for use in its particular application. Other applications have not been tested but use in such assays should not necessarily be excluded.

**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:



01 MAR 2022

**FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY**