

## CERTIFICATE OF ANALYSIS

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

**Catalog #:** R8A403 **Lot #:** 1K31321

**Description:** *T. pallidum* p47 Recombinant  
*Treponema pallidum* (Syphilis) p47 full length, Recombinant.  
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 (determined by SDS-PAGE).

**Concentration:** 1 mg/mL (Bradford Method)

**Buffer:** 8 M Urea, 20 mM Tris-HCl, pH 8.0, 10 mM β-mercaptoethanol.

**Preservative:** None

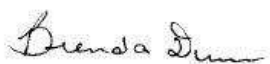
**Applications:** Suitable for use in ELISA and Western Blot. Each laboratory should determine an optimum working titer for use in its particular application. Other applications have not been tested but use in such assays should not necessarily be excluded.

**Storage:** Store short term at 4°C and long term at -80°C. Aliquot before storing to avoid repeated freeze-thaw cycles.

**Inactivation:** Not Applicable

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

Quality Signature:



10NOV2021

**FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY**