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## CERTIFICATE OF ANALYSIS

**Catalog #:** R18044 **Lot #:** 5H23012

**Description:** *T. pallidum* p 41 Recomb.  
*Treponema pallidum* p41 Recombinant

Contains a mosaic of the immunodominant regions of *Treponema pallidum* p41. Not full-length p41.  
Contains GST Fusion partner. Molecular weight is 37 kDa. Immunoreactive with *T. pallidum* positive sera.

**Source:** *E. coli*

**Format:** Purified, Liquid

**Purification:** > 90% pure (10% PAGE, Coomassie Staining). GS-4B Sepharose-Affinity Purification.

**Concentration:** 1 mg/mL

**Buffer:** 25 mM Tris-HCl, pH 8.0, 60 mM Sodium Chloride, 50% Glycerol.

**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:** Upon receipt, store at -20°C.

**Inactivation:** Not Applicable

Signature

22 Sep 2015

Date

**FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY**