



Meridian

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Innovative Solutions. Trusted Partner.®

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CERTIFICATE OF ANALYSIS

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

Catalog #: R01665 **Lot #:** n/a

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

Mature TmpA without the leader peptide
Reacts with human *T. pallidum* positive serum.
Contains a His-tag in its N-terminus.
Molecular Weight (calculated) 42.9 kDa.

Source: *E. coli*

Format: Purified, Liquid

Purification: ≥ 95% pure (SDS-PAGE). Proprietary method.

Concentration: (Lot Specific) mg/mL (OD280nm, E^{0.1%} = 0.536)

Buffer: 20 mM Phosphate Buffer, pH 8, 0.15 M Sodium Chloride, 0.1% Polyoxyethylene (10) Tridecyl Ether.

Preservative: None

Applications: Suitable for use in ELISA and Western Blot 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: Store at -20°C to -80°C. Aliquot to avoid multiple freeze-thaw cycles.

Inactivation: Not Applicable

Signature

29 June 2016

Date

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY