

## Treponema pallidum TmpA Recombinant

**Item Number** rAP-5495

**Synonyms**

**Description** The E.Coli derived recombinant protein contains the T.Pallidum TmpA immunodominant regions. The protein contains beta- galactosidase (114 kDa) fused at the N- terminus.

**Uniprot Accession Number**

**Amino Acid Sequence**

**Source** Escherichia Coli.

**Physical Appearance and Stability** Treponema Pallidum protein although stable at 4°C for 1 week, should be stored below -18°C. Please prevent freeze thaw cycles.

**Formulation and Purity** 8M urea, 20mM Tris-HCl pH-8 & 10mM B-ME. Treponema Pallidum protein is >90% pure as determined by 10% PAGE (coomassie staining).

**Application** Treponema Pallidum protein binds to murine anti-TmpA protein monoclonal antibodies and Treponema pallidum converted human serum polyclonal antibodies in ELISA and Western Elisa. Dot Blots and Lateral Flow immunochromatographic diagnostics test.

**Solubility**

**Biological Activity**

**Shipping Format and Condition** Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**