

**Product:** Treponema pallidum TmpA, recombinant  
**Catalog #:** 12-3035-2  
**Amount:** 100 µg

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**DESCRIPTION:** Treponema pallidum TmpA  
The 47kDa protein contains the Trp. Pallidum TmpA immunodominant regions

**SOURCE:** *Escherichia coli* expression system

**PURITY:** Protein is >99% pure as determined by 10% PAGE (coomassie staining)

**FORM:** Purified by proprietary chromatographic technique

**BUFFER:** 25 mM Tris-HCl pH8.0, 60mM NaCl and 50% glycerol

**CONCENTRATION:** 1 mg/ml

**SPECIFICITY:** Immunoreactive with sera of Trp. Pallidum infected individuals

**APPLICATION:** This 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

**STORAGE:** -20°C (aliquot), avoid repeated freeze and thaw cycles

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