

Bioassayplus Inc.

4510 Rhodes Drive., Windsor, Canada N8W 5K5

Certificate of Analysis

- Important Note:** Centrifuge before opening to ensure complete recovery of vial contents.
- Product name:** Recombinant syphilis Treponema pallidum TP15
- Catalog number:** TP15
- Description:** Syphilis is a sexual transmitted disease, also transmitted by blood transfusion and through the placenta from mother to baby. It was reported by WHO that there were 10.6 million new cases of syphilis in 2008. Sensitive and accurate diagnosis is a crucial point for the prevention and treatment of this disease. TP15 is a bacterial treponema pallid membrane protein with 90% sensitivity in the test.
- Protein construct:** Recombinant TP15 is derived from full length TPN15 gene, a 6 x histidine tag linked at its C-terminal. It has molecular weight 16kDa.
- Source:** *E. coli*
- Format:** Purified, Liquid
- Molecular weight:** 18kDa
- Purity:** >95% pure (SDS-PAGE, Coomassie blue stain).
- Concentration:** 1.3mg/ml (lot: 092022)
- Buffer:** PBS with 25mM K₂CO₃
- Storage:** Store in 4°C for short time only, aliquot to avoid repeated freezing and thawing, store at -20°C.
- Applications:** Immunoassay and rapid test

