

## CERTIFICATE OF ANALYSIS

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

**Catalog #:** BN1043 **Lot #:** 50L36322

**Description:** *Treponema pallidum* P17 + P45 Chimeric, Rec. Antigen, N-term His-Tag  
Molecular Weight: 65.3 kDa

**Specificity:** *Treponema pallidum* P17 + P45

**Source:** *E. coli*

**Format:** Purified Liquid

**Purification:** > 60% (SDS-PAGE), Nickel Affinity Chromatography

**Concentration:** 2.12 mg/mL (BCA)

**Buffer:** Phosphate Buffered Saline, pH 7.3

**Preservative:** 0.02% Sodium Azide

**Applications:** Suitable for use in Lateral Flow and ELISA. 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.

<u>Capture Ag:</u>	<u>Detection Ag:</u>
BN1043	BN1041
BN1039	BN1043

**Storage:** Store at 2-8°C for < 1 week. Long term storage at -20°C. Aliquot to avoid multiple freeze/thaw cycles.

**Inactivation:** Not Applicable

**Safety Note(s):** Refer to the appropriate Safety Data Sheet (SDS) for additional information.

Quality Signature:



05 Jan 2023

**FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY**