

CERTIFICATE OF ANALYSIS

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

Catalog #: R01583 **Lot #:** 1F17222

Description: *T. pallidum* p17 Recomb.
Treponema pallidum p17 (Syphilis) Recombinant
Treponema pallidum p17 recombinant protein containing a GST-tag and His-tag in its N-Terminus.
Molecular weight calculated from the amino acid sequence is 46.6 kDa.

Source: *E. coli*

Format: Purified, Liquid

Purification: > 95% pure (SDS-PAGE).

Concentration: 2.65 mg/mL (OD280nm, E^{0.1%} = 1.175)

Buffer: 50 mM Tris-HCl, pH 8.0 containing 10 mM Glutathione.

Preservative: None

Applications: Suitable for use in ELISA, Lateral Flow and Western Blot. 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: Upon receipt, store at -20°C to -80°C. Avoid multiple/freeze thaw cycles.

Inactivation: Not Applicable

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

Quality Signature:



21 Jun 2022

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY