



Meridian

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CERTIFICATE OF ANALYSIS

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

Catalog #: R01606 **Lot #:** 5L35416

Description: *T. pallidum* p47 Recomb.
Treponema pallidum p47 (Syphilis) Recombinant

Treponema pallidum p47 recombinant protein containing a GST-tag and His-tag in its N-Terminus.
Molecular weight calculated from the amino acid sequence is 79.8 kDa.

Source: *E. coli*

Format: Purified, Liquid

Purification: ≥ 95% pure (SDS-PAGE).

Concentration: 1.00 mg/mL (OD280nm, $E^{0.1\%} = 1.190$)

Buffer: 20 mM Phosphate Buffer, pH 8 containing 1 M Sodium Chloride, 5 mM Ethylenediaminetetraacetic Acid (EDTA).

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.

Signature

20 Feb 2017

Date

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY

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