



**Meridian**  
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## CERTIFICATE OF ANALYSIS

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

**Catalog #:** R01538 **Lot #:** 4C07120

**Description:** *Leptospira interrogans*, Recomb.  
*Leptospira interrogans*, LipL32, No Leader Peptide, Recombinant

Recombinant *Leptospira interrogans* LipL32 antigen produced from the complete ORF of the LipL32 gene which codifies the major outer membrane protein of the spirochete. It does not contain a leader peptide. Contains a His-tag at the N-terminus. Molecular weight calculated from the amino acid sequence is 35.0 kDa.

**Source:** *E. coli*

**Format:** Purified, Liquid

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

**Concentration:** 1.15 mg/mL (OD<sub>280nm</sub>, E<sup>0.1%</sup> = 0.923)

**Buffer:** 20 mM Phosphate, 1 M Sodium Chloride, pH 8.

**Preservative:** None

**Applications:** Suitable for use in ELISA (suggested concentration 0.78 µg/mL to 1.4 µg/mL) 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:** Store 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.

*Bianca Gele*

11 MAR 2020

**FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY**