

Recombinant Leptospira Composite L1 Antigen Protein

Cat. No. LCL1-169L **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Leptospira
Source	E.coli
Description	Full length Recombinant Leptospira Composite L1 antigen- OmpL1-MLP17-LigA produced in the E.coli Expression System. This protein binds to Leptospira converted human serum polyclonal antibodies, as determined by ELISA and Western ELISA. Suitable for use in lateral flow human Leptospira diagnostics.
Form	Frozen Liquid
Molecular Mass	62.2 kD
Purity	> 98 % by SDS-PAGE
Applications	Leptospira Diagnostics; T-Cell Activation; Immunization.
Notes	Recommended concentrations for use are approximate values. A dose dependent response assay should be performed to determine the optimal concentration for use in specific applications. ELISA and Western ELISA require 10-100ng protein depending on the nature and

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affinity of the detection reagent. Leptospira converted human serum polyclonal antibodies yield titers of 1:1000 or greater at 100ng of immobilized protein under standard ELISA conditions.

Stability	At least 2 years at -75 centigrade.
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Storage	Store at -75 centigrade.
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Dilutions	50mM Tris, 50mM NaCl, pH8
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