Leptospira icterohaemorrhagiae Polyclonal Antibody (LI PAb) - Lot ID IRP 04-481

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Effective Date: 11 Jul 2022

Notes: Strain or Source: Anti-Lict serum (RO), Fill date: August 24, 2004
1. **Reagent Name:** *Leptospira icterohaemorrhagiae* Polyclonal Antibody (LI PAb)

2. **Strain or Source:** Anti-Lict serum (RO)

3. **Lot Number:** IRP 04-481

4. **Fill Date:** August 24, 2004

5. **Expiration Date:** July 31, 2026

**Precautions:** There are no known hazards associated with the use of this reagent.

6. **Intended Use:** For use in an enzyme-linked immunosorbent assay (ELISA) as described in Supplemental Assay Method (SAM) 627 for serial release potency testing of leptospiral bacterins containing serovar *icterohaemorrhagiae*. This reagent may also be used in the microagglutination test.

7. **Instructions for Use:** Dilute LI PAb 1:18,000 in carbonate-bicarbonate coating buffer and use immediately, according to SAM 627.

8. **Test of Reagent:** LI PAb has a serologic titer of ≥1:25,600 against *L. icterohaemorrhagiae* antigen by the microagglutination test (MAT). MAT titers against other serovars are negligible. The optimal use dilution was determined by titration, using the assay described in SAM 627.

9. **Container Size, Type, Weight, or Volume:** 150 µL aliquots in plastic microcentrifuge tubes

10. **Storage Conditions:** -20° to -80°C for long-term storage. Vial may be held at 2°- 7°C for several weeks.

11. **CVB Technical Contact:** Bacteriology Section, Center for Veterinary Biologies, (515) 337-6100 or FAX (515) 337-7673.

12. **Origin and Passage History:** Not applicable.

13. **Method of Preparation:** LI PAb was prepared by hyperimmunizing New Zealand white rabbits with heat-inactivated whole cells of NVSL *L. icterohaemorrhagiae* challenge strain
11403, followed by an injection of viable whole cells. Individual rabbit sera were tested by the MAT. Satisfactory sera were pooled, filtered, and frozen at -20°C or lower.

14. **Other:** None.

Reagent orders and feedback should be sent *including phone number* to the following email address: [VS.DB.CVB.Reagent.Requests@usda.gov](mailto:VS.DB.CVB.Reagent.Requests@usda.gov)

Reagent orders forms (APHIS Form 2018) can be found on the CVB website.