

**United States Department of Agriculture
Animal and Plant Health Inspection Service
Center for Veterinary Biologics
P. O. Box 844
Ames, IA 50010**

- 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:** March 31, 2030

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 $\geq 1:25,600$ 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 μ L aliquots in plastic microcentrifuge tubes
- 10. Storage Conditions:** -20°C to -80°C for long-term storage. Vial may be held at 2°C - 7°C for several weeks.
- 11. CVB Technical Contact:** Bacteriology Section, Center for Veterinary Biologics, (515) 337-6100.
- 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

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