

**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 pomona* Polyclonal Antibody (LP PAb)
- 2. Strain or Source:** Anti-LP serum (RO)
- 3. Lot Number:** IRP 04-482
- 4. Fill Date:** August 18, 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 **SAM 624** for serial release potency testing of leptospiral bacterins containing serovar *pomona*. This reagent may also be used in the microagglutination test.
- 7. Instructions for Use:** Dilute LP PAb 1:4800 in carbonate-bicarbonate coating buffer according to **SAM 624**.
- 8. Test of Reagent:** LP PAb has a serologic titer of  $\geq 1:6,400$  against *L. pomona* 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 624**.
- 9. Container Size, Type, Weight, or Volume:** 250  $\mu$ 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:** LP PAb was prepared by hyperimmunizing New Zealand white rabbits with heat-inactivated whole cells of NVSL *L. pomona* challenge strain 11000 followed by an injection of viable whole cells. Individual rabbit sera were tested by 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.