

**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:** *Pasteurella multocida* Type A Bacterin (Bovine Isolate)
2. **Strain or Source:** NVSL strain 1062
3. **Lot Number:** IRP 591
4. **Fill Date:** April 8, 2011
5. **Expiration Date:** May 30, 2029

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

6. **Intended Use:** To be used in accordance with title 9, *Code of Federal Regulations* (9 CFR) section, 113.121 for bovine *P. multocida* bacterins.
7. **Instructions for Use:** The reference bacterin should be pre-diluted 1:5 with phosphate buffered saline (pH 7.2) immediately prior to use. The 1:5 pre-diluted reference bacterin is considered undiluted reference. The reference bacterin is then administered intraperitoneally (0.1 mL/dose) in mice at the following dilutions - undiluted, 1:5, and 1:25. Phosphate-buffered saline (pH 7.2) is used for the serial dilutions.
8. **Test of Reagent:** The bacterin was tested for sterility according to 9 CFR 113.26. The validation for potency tests was based on 9 CFR 113.121.
9. **Container Size, Type, Weight, or Volume:** Plastic capped vials in 20-mL aliquots.
10. **Storage Conditions:** 2°- 7°C
11. **CVB Technical Contact:** Bacteriology Section, Center for Veterinary Biologics, (515) 337-6100.
12. **Origin and Passage History:** Bovine lung isolate.
13. **Method of Preparation:** Prepared under contract by a licensee according to a confidential Outline of Production. Thimerosal solution (5%) was added to the bacterin up to a final concentration of 1:10,000.

14. Other:

Restrictions: For use in potency testing of bovine *P. multocida* biologicals.

Reagent orders and feedback should be sent *including phone number* to the following email address at VS.DB.CVB.Reagent.Requests@usda.gov.

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