

**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:** *Erysipelothrix rhusiopathiae* Rabbit Polyclonal Antibody (detection antibody)
2. **Strain or Source:** IRP 444
3. **Lot Number:** Lot #2
4. **Fill Date:** November 5, 2002
5. **Expiration Date:** No expiration date has been assigned to this product because polyclonal rabbit serum has demonstrated over time to be very stable if properly stored. This reagent will be routinely monitored by the Center for Veterinary Biologics (CVB).

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

6. **Intended Use:** IRP 444 is for use in an enzyme-linked immunosorbent assay (ELISA) as described in Supplemental Assay Method (SAM) 613 for potency testing of *E. rhusiopathiae* bacterins.
7. **Instructions for Use:** The detection antibody is provided undiluted in 100 µL amounts. For use in the ELISA, IRP 444 should be diluted approximately 1:1000 in blocking solution/reagent diluent. For detailed instructions see **SAM 613**.
8. **Test of Reagent:** Checkerboard ELISA tests were conducted to determine the optimum dilution for the reagent.
9. **Container Size, Type, Weight, or Volume:** 100 µL aliquots in plastic vials. Amount provided is sufficient for approximately 10 plates.
10. **Storage Conditions:** Store at -70°C or lower. Once the detection antibody has been thawed, store at 2°- 7°C.
11. **CVB Technical Contact:** Bacteriology Section, Center for Veterinary Biologics, (515) 337-6165 or FAX (515) 337-7673.
12. **Origin and Passage History:** Not applicable.

13. Method of Preparation: Polyclonal rabbit antiserum (detection antibody) was collected from rabbits hyperimmunized with 65-kD protein of *E. rhusiopathiae* which was purified using preparative isoelectric focusing. Antibody reacting with murine IgG was removed using immunoaffinity chromatography. The *Erysipelothrix*-specific antibody was centrifuged, filtered, and frozen at -70°C.

14. Other: None

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

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

REVISED: 29Mar18 tlt