

VLN 190/PCN 1081.01  
Zoetis Inc.  
Kalamazoo, MI 49007, USA



8+  
WEEKS



zoetis



**B**

**Oral**

25 Vials (1 dose)

**STERILE DILUENT**

25 Vials (1 mL)

# Bordetella Bronchiseptica Vaccine

AVIRULENT LIVE CULTURE

- Administer a single 1-mL dose orally.
- Store at 2°–8°C. Do not freeze.
- See back of card for complete directions and precautions.

**To Reconstitute:**  
Rehydrate the  
vaccine with the  
sterile diluent for  
vaccination.

**VANGUARD®**



## **B** **Oral**

This product has been shown to be effective for the vaccination of healthy dogs 8 weeks of age or older against *B. bronchiseptica*. A duration of immunity of at least one year has been demonstrated against *B. bronchiseptica*.

For more information regarding efficacy and safety data, see [productdata.aphis.usda.gov](http://productdata.aphis.usda.gov).

**Directions:** Aseptically rehydrate the freeze-dried vaccine with the accompanying vial of sterile diluent and shake well. Draw contents back into the syringe, remove the needle and administer 1-mL dose orally into the buccal pouch. Historically, annual revaccination with this product was recommended. The need for annual booster vaccinations has not been established for this product; consultation with a veterinarian or the manufacturer is recommended.

**Precautions:** This product is designed for oral use only with a needleless syringe. Store at 2°-8°C. Prolonged exposure to higher temperatures and/or direct sunlight may adversely affect potency. Do not freeze. Inactivate unused contents before disposal. This product has not been tested in pregnant animals. In case of anaphylactoid reaction, administer epinephrine. Do not mix with other products, except as specified above. In case of human exposure, contact a physician.

Technical inquiries should be directed to Zoetis Inc. Veterinary Services, (888) 963-8471.