

zoetis



L4

Injectable

25 Vials (1 dose)



STERILE GEL

25 Vials (1 mL)

# Leptospira Canicola- Grippotyphosa- Icterohaemorrhagiae- Pomona Bacterin

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

**VANGUARD®**



## L4 **Injectable**

This product has been shown to be effective for the vaccination of healthy dogs 6 weeks of age or older against *Leptospira canicola*, *L. grippotyphosa*, *L. icterohaemorrhagiae*, and *L. pomona*. Duration of immunity has not been established. 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 sterile gel provided, shake well, and administer 1 mL subcutaneously or intramuscularly. Healthy dogs should receive 2 doses administered 3–4 weeks apart. Historically, annual revaccination with this product was recommended. The need for annual booster vaccinations has not been established. For advice on revaccination, consult your veterinarian or the manufacturer.

**Precautions:** Store at 2°–8°C. Prolonged exposure to higher temperatures and/or direct sunlight may adversely affect potency. Do not freeze. Sterilized syringes and needles should be used to administer this vaccine. Contains thimerosal as preservative. 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.

This product has been shown to be efficacious in healthy animals. A protective immune response may not be elicited if animals are incubating an infectious disease, are malnourished or parasitized, are stressed due to shipment or environmental conditions, are otherwise immunocompromised, or the vaccine is not administered in accordance with label directions.