

14 to 28 days. Calves vaccinated before 6 months of age should be revaccinated at 6 months. A 2 mL booster dose is recommended once annually.

**Precautions:** Store out of direct sunlight at 35–45°F (2–7°C). Avoid freezing. Shake well before using. Use entire contents when first opened. Do not vaccinate within 21 days before slaughter. Anaphylactoid reactions may occur. Antidote: Epinephrine.

**Preservatives:** Neomycin and thimerosal.

Boehringer Ingelheim Vetmedica, Inc.  
St. Joseph, MO 64506  
U.S. Veterinary License No. 124  
Code 129-121



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29101-01

## Campylobacter Fetus- Leptospira Canicola- Grippytyphosa-Hardjo- Icterohaemorrhagiae- Pomona Bacterin

### Citadel® VL5

10 Doses/20 mL

**Indications:** For the prevention of urinary shedding of *L. borgpetersenii* serovar *hardjo* (type *hardjo-bovis*). Vaccinated animals subsequently exposed to *L. borgpetersenii* serovar *hardjo* (type *hardjo-bovis*) have been shown to clear renal infections within 8 weeks of exposure. For vaccination of healthy, susceptible cattle as an aid in the reduction of infertility, delayed conception, or abortion caused by *Campylobacter fetus* var. *venerealis* and leptospirosis caused by *Leptospira canicola*, *L. grippytyphosa*, *L. hardjo*, *L. icterohaemorrhagiae*, and *L. pomona*.

**Directions and Dosage:** Using aseptic technique, inject 2 mL subcutaneously. Repeat in



Serial No.:

Exp. Date:

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**Precautions:** Store out of direct sunlight at 35–45°F (2–7°C). Avoid freezing. Shake well before using. Use entire contents when first opened. Do not vaccinate within 21 days before slaughter. Anaphylactoid reactions may occur. Antidote: Epinephrine.

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**Campylobacter Fetus-  
Leptospira Canicola-  
Grippytyphosa-Hardjo-  
Icterohaemorrhagiae-  
Pomona Bacterin**

**Citadel® VL5**

**50 Doses/100 mL**

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29102-01