

**Bovine Rhinotracheitis-Virus Diarrhea-Parainfluenza 3-Respiratory Syncytial Virus Vaccine
Killed Virus
Campylobacter Fetus-Leptospira Canicola-Grippytyphosa-
Hardjo-Icterohaemorrhagiae-Pomona Bacterin**

Elanco

Vira Shield™



INDICATIONS: This product has been shown to be effective for the vaccination of healthy cattle, against disease caused by infectious bovine rhinotracheitis (IBR), bovine virus diarrhea (BVD Type 1 and BVD Type 2), parainfluenza Type 3 (PI₃), and bovine respiratory syncytial (BRSV) viruses and *Campylobacter fetus*, *Leptospira canicola*, *grippytyphosa*, *hardjo-bovis*, *icterohaemorrhagiae*, and *pomona*. The duration of immunity for BVD Type 2 is at least 11 months and for *C. fetus* and *L. hardjo-bovis* is at least 12 months. The duration of immunity for the other antigens in this product have not been determined. For more information regarding efficacy and safety data, see productdata.aphis.usda.gov.

This product has been shown effective against *hardjo bovis* kidney colonization, urinary shedding and reproductive tract infection. Vaccinated animals subsequently exposed to *L. borgpetersenii* serovar *hardjo* (type *hardjo bovis*) have been shown to clear renal infections within 8 weeks of exposure. Produced from non-cytopathic (BVD Type 1 and BVD Type 2) and cytopathic (BVD Type 1) isolates. This product is safe for use in pregnant cows and heifers.

ADJUVANT: Xtend™ SP.

DIRECTIONS: Shake well before using. Administer 5 mL subcutaneously 2 to 4 weeks prior to breeding. In accordance with Beef Quality Assurance guidelines, this product should be administered subcutaneously (under the skin) in the neck. Revaccinate with Vira Shield 6+ L5 HB (Code 4465.20) in 4 to 5 weeks. Historically, annual revaccination with a single dose has been recommended for this product. The need for this booster has not been established. For advice on revaccination frequency, consultation with a veterinarian is recommended.

PRECAUTIONS: Store out of direct sunlight at 2° to 8°C (35° to 46°F). DO NOT FREEZE. Use entire contents when first opened. Do not mix with other products, except as specified on this label. In case of human exposure, contact a physician. Do not vaccinate within 60 days prior to slaughter. Transient swelling may occur at the site of injection. Milk reduction and transient depression may be observed in lactating dairy cows for 3 to 6 days following vaccination. Anaphylactic reactions may occur. Symptomatic treatment: Epinephrine. Contains amphotericin B, gentamicin, and thimerosal as preservatives.

VLN/PCN: 196/44B5.20, Elanco US Inc., Fort Dodge, IA 50501 USA; 800-428-4441

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