

Do not vaccinate within 21 days of slaughter. Stressed cattle should not be vaccinated. Do not use in pregnant cows or in calves nursing pregnant cows. Burn containers and all unused contents. Injection site swelling may occur. Anaphylactoid reactions may occur.

Antidote: Epinephrine.

Preservative: Neomycin.

Warning: Animal inoculation only. Accidental injection to humans can cause serious local reactions. Contact a physician immediately if accidental injection occurs.

**Bovine Rhinotracheitis-
Virus Diarrhea-
Parainfluenza₃-
Respiratory Syncytial Virus Vaccine**

Modified Live Virus

Haemophilus Somnus Bacterin

Express™ 5-HS

10 Doses/Rehydrate with 20 mL

This package contains one 10 dose vial of MLV vaccine and one 20 mL vial of liquid bacterin diluent.

Note: It is possible that healthy appearing cattle can be persistently infected with or incubating virulent BVD virus at time of vaccination. In view of these findings and suggested causes, BVD vaccine is contraindicated in persistently infected cattle and use should be limited only to healthy, immunocompetent, unstressed, non-pregnant cattle.

Boehringer Ingelheim
Vetmedica, Inc.
St. Joseph, MO 64506 U.S.A.
U.S. Veterinary License No. 124

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Indications: Recommended for the vaccination of healthy, susceptible cattle as an aid in the reduction of diseases caused by Bovine Rhinotracheitis (IBR) virus, Bovine Virus Diarrhea (BVD) Types 1 and 2, Parainfluenza₃ (PI₃) virus, Bovine Respiratory Syncytial virus (BRSV), and *Haemophilus somnus*.

Composition: The product in the amber glass vial contains IBR, BVD Types 1 and 2, PI₃, and BRSV modified live viruses. The plastic vial contains *H. somnus* in a unique adjuvant system.

Directions: Rehydrate the modified live virus vaccine by aseptically adding the accompanying bottle of liquid bacterin.

Dosage: Using aseptic technique, inject 2 mL subcutaneously in front of the shoulder and midway of the neck, away from the suprascapular lymph node. If initial vaccination, repeat the BRSV and *H. somnus* fractions in 14 to 28 days. Calves vaccinated before 6 months of age should be revaccinated at 6 months. A 2 mL booster dose is recommended annually.

Precautions: Store out of direct sunlight at a temperature between 35–45°F (2–7°C). Avoid freezing. Shake well before using. Use entire contents when first opened.

Boehringer Ingelheim Vetmedica, Inc.
2621 North Belt Highway • St. Joseph, MO 64506-2002
Information 800-325-9167 • Orders 800-325-9167 • Fax 816-236-2717
www.bi-vetmedica.com