

Express™ 3

Respiratory MLV Vaccine

Description

Bovine Rhinotracheitis -Virus Diarrhea Vaccine Modified Live Virus. Express™ 3 contains neomycin as a preservative.

Features

Contains IBR-BVD Types 1 & 2 modified live viruses.

IBR fraction stimulates efficacious serological and cell mediated immune (CMI) response.

Sub-Q administration; 2 mL dose.

Benefits

Provides a proven efficacious immune response in healthy, susceptible cattle.

Provides extremely high serological titers and broad effective coverage for BVD.

Includes BVD Type 2 protection.

Provides cattle with the capability to launch a serological and CMI response against an IBR challenge.

Meets BQA guidelines.

No milk withholding.

Advantages

Express 3 administration allows cattle to launch a serological and CMI response against an IBR challenge and provides broad BVD protection with extremely high serological titers.

Dosage & Administration

Rehydrate one bottle of modified live virus vaccine by aseptically adding one bottle of liquid diluent. Using aseptic technique inject a 2 mL dose Sub-Q. Repeat in 14 to 28 days and once annually. Calves vaccinated before 6 months of age should be revaccinated at 6 months. A 2 mL booster dose is recommended prior to time of stress or exposure.

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 of slaughter. 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.

Highlights

- Protects against IBR-BVD Types 1 & 2.
- Provides broad coverage and extremely high serological titer for BVD.
- IBR fraction stimulates a serological and CMI response.
- Use in cattle of all ages.
- Sub-Q administration; 2 mL dose.

Uses

Express 3 is recommended for vaccination of healthy, susceptible cattle as an aid in the reduction of disease caused by IBR, BVD Types 1 & 2.

Warning

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

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

Product Information

Name	Code	Size
Express™ 3	110-311	20 mL 5x10 doses
	110-331	100 mL 5x50 doses



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

Directions: Rehydrate one bottle of modified live virus vaccine by aseptically adding one bottle of liquid diluent.

Dosage: Using aseptic technique, inject 2 mL subcutaneously. Repeat in 14-28 days.

Storage: Store out of direct sunlight at a temperature between 35-45°F (2-7°C).

Disposal: Burn vaccine containers and all unused contents.

**Bovine Rhinotracheitis-
Virus Diarrhea
Vaccine**

Modified Live Virus

Express™ 3

5 x 10 Doses

Contents: Five 10 dose vials of MLV vaccine and five 20 mL vials of liquid diluent.

See back side for complete instructions and precautions.

Federal regulations prohibit the repackaging or sale of the contents of this carton in fractional units. Do not accept if seal is broken.

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

Code 110-311; 10305-00



Serial No.:

Exp. Date:

Composition: This product contains Bovine Rhinotracheitis (IBR) and Bovine Virus Diarrhea (BVD) Types 1 and 2 modified live viruses.

Directions: Rehydrate one bottle of modified live virus vaccine by aseptically adding one bottle of liquid diluent. Shake well and use immediately.

Dosage: Using aseptic technique, inject 2 mL subcutaneously. Repeat in 14-28 days and once annually. Calves vaccinated before 6 months of age should be revaccinated at 6 months. A 2 mL booster dose is recommended prior to time of stress or exposure.

Precautions: Store out of direct sunlight at a temperature between 35-45°F (2-7°C). Avoid freezing. Use entire contents when first opened. Do not vaccinate within 21 days before slaughter. Stressed cattle should not be vaccinated. Do not use in pregnant cows or calves nursing pregnant cows. Burn vaccine 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.

Note: It is possible that healthy appearing cattle can be persistently infected with or incubating virulent BVD virus at the 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, nonpregnant cattle.

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