

# Express™ 3/Lp

Respiratory MLV with Lepto Pomona Vaccine

## Description

Bovine Rhinotracheitis - Virus Diarrhea Vaccine Modified Live Virus and Leptospira Pomona Bacterin. Express™ 3/Lp contains neomycin as a preservative.

## Features

Contains IBR-BVD Types 1 & 2 modified live virus and *L pomona*.

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

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.

No milk withholding.

## Advantages

Express 3/Lp 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 bacterin diluent. Using aseptic technique inject a 2 mL dose IM. 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-*L pomona*.
- Provides broad coverage and extremely high serological titer to BVD.
- IBR fraction stimulates a serological and CMI response.
- Use in cattle of all ages.
- 2 mL dose.

## Uses

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

## 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/Lp	109-511	20 mL 5x10 doses
	109-531	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, Bovine Virus Diarrhea (BVD) Types 1 and 2, and *Leptospira pomona*.

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

**Dosage:** Using aseptic technique, inject 2 mL intramuscularly. 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

**Leptospira Pomona**

**Bacterin**

**Express™ 3/Lp**

5 x 10 Doses

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

**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 109-511; 09503-01



**Boehringer  
Ingelheim**

Serial No.:

Exp. Date:

**Composition:** This product contains Bovine Rhinotracheitis (IBR) and Bovine Virus Diarrhea (BVD) Types 1 and 2 modified live viruses, and inactivated cultures of *Leptospira pomona*.

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

**Dosage:** Using aseptic technique, inject 2 mL intramuscularly. 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.

**Preservatives:** The vaccine fraction contains neomycin as a preservative. The bacterin diluent fraction contains gentamicin and Amphotericin B.

**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.

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