

 <b>Boehringer Ingelheim</b> GO STJ	<b>Code: 127902-08</b> SAP #: 106627-004
<b>INITIALS: HL</b>	Version: 1      28Mar22
<b>Product</b> Component Type Size:	<b>Express FP 10</b> Carton 50 Doses/100mL
Country(s):	US
Dimensions Flat:	3.938" x 2.063" x 4.250
Dimensions Folded:	NA
Template #:	842
Corner Radius:	NA
<b>DIELINE:</b>	L071796E_C
RA Labeling:	
<b>Printer Notes:</b>	NA

COLORS	
BLACK	
BLACK 70%	
PMS 135	
PMS 308	

127902-08

Serial No.:  
Exp. Date:

50 Doses/Rehydrate with 100 mL

**EXPRESS® FP 10 HB**

GLUE

**Indications:** This product has been shown to be effective for the vaccination of healthy cattle, including pregnant cows, against reproductive and respiratory disease due to infectious bovine rhinotracheitis (IBR) and bovine virus diarrhea types 1 and 2 (BVD1 & BVD2); against respiratory disease due to parainfluenza 3 (PI3) and bovine respiratory syncytial virus (BRSV); and against *Leptospira canicola*, *L. grippotyphosa*, *L. hardjo*, *L. icterohaemorrhagiae*, and *L. pomona*. This product was licensed prior to the requirement to establish a minimum age for use. The duration of immunity against IBR-induced abortion and against BVD1b & BVD2, including persistently infected calves, is at least 12 months. The duration for the remaining organisms has not been determined. For more information regarding efficacy and safety data, go to [productdata.aphis.usda.gov](http://productdata.aphis.usda.gov).

This product has also been shown to be effective against abortion due to IBR; against persistently infected calves due to BVD1b & BVD2; and against urinary shedding of *L. borgpetersenii* serovar *hardjo* (type *hardjo-ovis*). Vaccinated animals subsequently exposed to *L. borgpetersenii* serovar *hardjo* (type *hardjo-ovis*) have been shown to clear renal infections within 8 weeks of exposure. This vaccine may be used in pregnant cows or calves nursing pregnant cows provided the cows were vaccinated pre-breeding, according to label instructions, with any Express FP vaccine within the past 12 months.

**Composition:** The amber glass vial contains IBR, BVD1 (Singer 1a cytopathic), BVD2 (296 cytopathic), PI3, and BRSV modified live viruses (MLV). The plastic vial contains the *Leptospira* organisms listed, in an adjuvant system. Neomycin and thimerosal added as preservatives.

**Directions and dosage:** Mix the accompanying bottle of diluent. Rehydrate the vaccine by aseptically adding the diluent to the vaccine vial. Mix well and use immediately. Using aseptic technique, inject 2 mL subcutaneously or intramuscularly. For cows or heifers, vaccinate at or about 4 weeks prior to breeding. If using subcutaneous route, inject in front of the shoulder and

midway of the neck, away from the suprascapular lymph node. If initial vaccination, repeat with any Express vaccine containing *Leptospira* and BRSV MLV in 14 to 28 days. Contact your veterinarian or the manufacturer for information on revaccination frequency.

**Precautions:** Store out of direct sunlight at 35-46°F (2-8°C). Do not freeze. Do not mix with other products, except as specified on this label. Use entire contents when first opened. Do not vaccinate within 21 days before slaughter. Injection site swelling may occur. Stressed cattle should not be vaccinated. In case of anaphylactoid reaction, administer epinephrine. In case of human exposure, contact a physician. Inactivate unused contents before disposal.

Fetal health risks associated with vaccination of pregnant animals with this vaccine cannot be unequivocally determined by clinical trials conducted for licensure. Appropriate strategies to address the risks associated with

**Bovine Rhinotracheitis-Virus  
Diarrhea-Parainfluenza 3-  
Respiratory Syncytial Virus Vaccine**  
Modified Live Virus  
**Leptospira Canicola-Grippotyphosa-  
Hardjo-Icterohaemorrhagiae-  
Pomona Bacterin**

**EXPRESS® FP 10 HB**

50 Doses/Rehydrate with 100 mL

**50**  
DOSES **Boehringer  
Ingelheim**

vaccine use in pregnant animals should be discussed with a veterinarian. No vaccine can be expected to have 100% efficacy under all conditions. A small number of calves persistently infected with BVD may have a devastating effect on herd health.

**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 cattle.

This package contains one 50 dose vial of MLV vaccine and one 100 mL vial of bacterin diluent.

**Boehringer Ingelheim  
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VLN/PCN 124/4469.24

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