

MERCK ANIMAL HEALTH

Intervet Inc.

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BOVILIS® Nasalgen® 3

Intervet/Merck Animal Health

Bovine Rhinotracheitis-Parainfluenza 3-Respiratory Syncytial Virus Vaccine

Modified Live Virus

Cattle Vaccine

For Intranasal Use

INDICATIONS: This product has been shown to be effective for the vaccination of healthy cattle, 1 week of age or older against infectious bovine rhinotracheitis (IBR) virus, bovine respiratory syncytial virus (BRSV) and parainfluenza 3 virus (PI3). Duration of immunity against IBR is at least 195 days, against BRSV is at least 78 days, and against PI3 is at least 95 days. For more information regarding efficacy and safety data, see productdata.aphis.usda.gov.

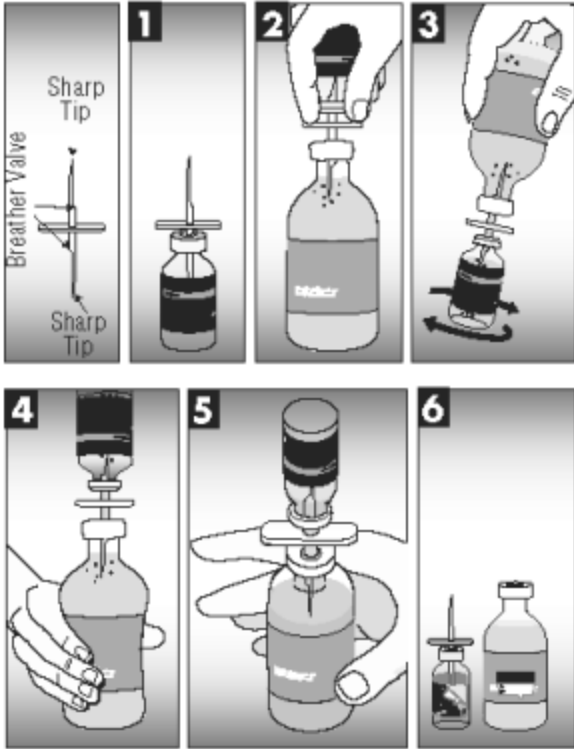
SAFETY: Safe for use in pregnant cows or in calves nursing pregnant cows.

MIXING DIRECTIONS: 1 Dose/10 Doses - Rehydrate freeze dried vial with accompanying vial of diluent. Mix reconstituted vial well.

50 Doses - Rehydrate freeze dried vial with part of the accompanying vial of diluent using the transfer needle provided (see pictorial directions). Mix reconstituted vial well and transfer rehydrated vaccine into diluent vial using transfer needle. Remove transfer needle from the former diluent vial and mix reconstituted vial well. Peel label from the vaccine vial and place on diluent vial containing all vaccine.

DOSAGE AND ROUTE: Shake well and administer a 2 mL dose by the intranasal route. For advice on revaccination frequency, contact your veterinarian.

Mixing Instructions



CAUTION: THE TRANSFER NEEDLE, INCLUDED IN THE CARTON PACKAGING, IS SHARP AND MAY CAUSE INJURY TO SELF OR ANIMALS IF NOT HANDLED OR DISPOSED OF PROPERLY.

1. Insert the transfer needle fully into the small vial of dehydrated vaccine to release the vacuum.
2. Insert the other end of the transfer needle fully into the large vial of sterile diluent.
3. Squeeze enough diluent from the large bottle into the smaller vial to rehydrate the vaccine.
4. With the two bottles still attached, swirl the small vial gently until the vaccine is mixed.
5. With the small vial upside down, squeeze the large bottle several times to draw the mixed vaccine into the large bottle.
6. Separate the bottles and remove the vaccine label from the small vial and apply it to the large bottle for proper identification.

CAUTION: Store at 2 to 8°C (35 to 46°F). Fetal health risks associated with the vaccination of pregnant animals with this vaccine cannot be unequivocally determined during clinical trials conducted for licensure. Appropriate strategies to address the risks associated with vaccine use in pregnant animals should be discussed with a veterinarian. Use entire contents when first opened. Do not use chemical disinfectants to sterilize syringes or needles. Do not mix with other products, except as specified on the label. Inactivate unused contents before disposal. Do not vaccinate within 21 days of slaughter. Anaphylactoid reactions may occur following use. **Antidote:** Epinephrine. Contains Penicillin and Streptomycin as a preservative. In case of human exposure, contact a physician.

FOR ANIMAL USE ONLY

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For patent information: <http://www.merck.com/product/patent/home.html>

		Code	
20 mL	10 Doses	180349	337350-03
25 x 1 Dose/2 mL	25 Doses	178997	359544-03
100 mL	50 Doses	185734	326822-03

CPN: 1047554.1