

MERCK ANIMAL HEALTH

Intervet Inc.

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Once PMH[®] SQ

Intervet/Merck Animal Health

MANNHEIMIA HAEMOLYTICA - PASTEURELLA MULTOCIDA VACCINE

Avirulent Live Culture

Cattle Vaccine

Product Description: The reconstituted vaccine product contains avirulent live cultures of *Mannheimia haemolytica* and *Pasteurella multocida*.

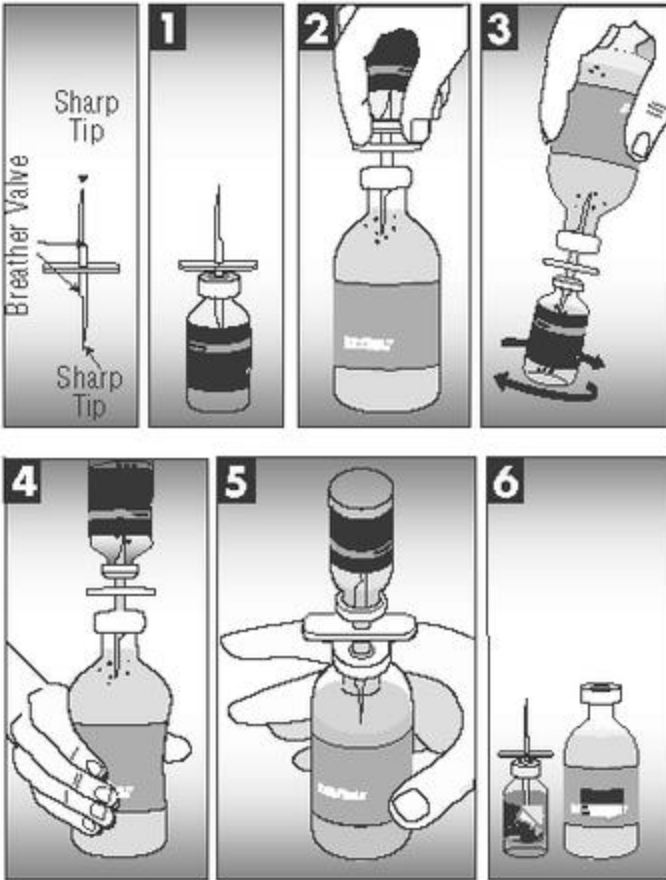
Indications: For the vaccination of healthy cattle, 3 months of age or older, as an aid in the control of respiratory disease caused by *Mannheimia haemolytica* and *Pasteurella multocida*. Duration of Immunity (DOI) has been demonstrated to be at least 16 weeks for *Mannheimia haemolytica* and *Pasteurella multocida*. Calves nursing immune-dams should be vaccinated when maternal antibody levels will allow active immunization.

Mixing Directions: 10 Doses - Rehydrate freeze dried vial of Once PMH[®] SQ with accompanying vial of diluent. Mix reconstituted vial well.

50 Doses - Rehydrate freeze dried vial of Once PMH[®] SQ 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 former diluent vial and mix reconstituted vial well. Peel label from bottle of Once PMH[®] SQ and place on diluent vial containing all vaccine.

Use Directions: Inject 2.0 mL subcutaneously to healthy cattle 3 months of age or older. Annual revaccination is recommended. A revaccination dose can be administered at more frequent intervals based upon individual farm disease risk assessment or any time epidemic conditions exist or are reported. Consult 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 needle beyond breather valve into the vial of lyophilized vaccine to remove vacuum.
2. Turn the vial of lyophilized vaccine upside down and fully insert needle into the sterile diluent bottle. Be sure to clear cap with breather valve.
3. Turn attached vial and bottle so the vial of lyophilized vaccine is underneath the sterile diluent bottle and squeeze enough sterile diluent into the vial of lyophilized vaccine to rehydrate the vaccine. Mix well.
4. Turn attached bottles so rehydrated vaccine is above the sterile diluent bottle. Squeeze air into rehydrated vaccine vial.
5. Squeeze and release the sterile diluent bottle until all the solution in the rehydrated vaccine vial drains into the sterile diluent bottle.
6. Separate the vial of lyophilized vaccine and needle from the sterile diluent bottle. Using the tab, remove the back of the vaccine vial label. Place the separated label over the sterile diluent bottle label to accurately identify the newly created solution.

Cautions: Store at 2°-7°C (35°-45°F). Do not freeze. Use immediately after reconstitution; do not save partial contents. Burn the containers and all unused product. Use only in healthy cattle. Do not vaccinate within 21 days before slaughter. If allergic reaction occurs, treat with epinephrine. Contains streptomycin as a preservative.

FOR ANIMAL USE ONLY

Intervet Inc., Merck Animal Health, division of Intervet Inc., Omaha, NE 68103 USA

U.S. Vet Lic. No. 165A

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For patent information:

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

		Code	
10 Doses	20 mL	006337	137239-06
50 Doses	100 mL	006338	135075-05

CPN: 1047445.4