

ZOETIS INC.

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Every effort has been made to ensure the accuracy of the information published. However, it remains the responsibility of the readers to familiarize themselves with the product information contained on the USA product label or package insert.

One Shot[®]

Zoetis

Mannheimia Haemolytica Toxoid

INDICATIONS: One Shot is for vaccination of healthy cattle as an aid in preventing bovine pneumonia caused by *Mannheimia haemolytica* type A1.

PRODUCT DESCRIPTION: One Shot is an inactivated freeze-dried product prepared from whole cultures propagated to increase the production of leukotoxin and capsular and cell-associated antigens. A sterile diluent, containing adjuvant to enhance the immune response, is used to rehydrate the freeze-dried toxoid.

DIRECTIONS:

General Directions: Vaccination of healthy cattle is recommended. Aseptically rehydrate the freeze-dried component with the sterile diluent provided, shake well, and administer 2 mL subcutaneously. In accordance with Beef Quality Assurance guidelines, this product should be administered in the neck region. Healthy cattle should be vaccinated a minimum of 14 days prior to weaning, shipping, or exposure to stress or infectious conditions.

Primary Vaccination: Administer a single 2-mL dose to healthy cattle. Only a single dose is necessary to confer active immunity. However, good management practices support revaccination whenever subsequent stress or exposure is likely.

PRECAUTIONS:

Store at 2°-7°C. Prolonged exposure to higher temperatures and/or direct sunlight may adversely affect potency.

Do not freeze.

Use entire contents when first opened.

Sterilized syringes and needles should be used to administer this vaccine.

Do not vaccinate within 21 days before slaughter.

As with many vaccines, anaphylaxis may occur after use. Initial antidote of epinephrine is recommended and should be followed with appropriate supportive therapy.

This product has been shown to be efficacious in healthy animals. A protective immune response may not be elicited if animals are incubating an infectious disease, are malnourished or parasitized, are stressed due to shipment or environmental conditions, are otherwise immunocompromised, or the vaccine is not administered in accordance with label directions.

Technical inquiries should be directed to Zoetis Inc. Veterinary Services, (888) 963-8471 (USA), (800) 461-0917 (Canada).

For veterinary use only

U.S. Veterinary License No. 190

Zoetis Inc., Kalamazoo, MI 49007, USA

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Presentation: 5, 10 and 50 dose vials.

NAC No.: 3690039.3