

Alpha-7/MB™-1

Clostridia and *Moraxella Bovis* (Pinkeye) Vaccine

Description

Clostridium Chauvoei-Septicum-Novyi-Sordellii-Perfringens Types C & D-Moraxella Bovis Bacterin-Toxoid. Alpha-7/MB™-1 bacterin-toxoid is prepared from chemically inactivated cultures of the above organisms with a special DD-2™ adjuvant system to maximize immune response. Contains gentamicin as a preservative.

Features

Ready to use; single dose.

Proven coverage for 7-way Clostridia and *Moraxella bovis* (Pinkeye).

Proven duration of immunity (DOI) under direct challenge — Clostridium Chauvoei and *Cl Sordellii* 6 month challenge; *Moraxella bovis*, 4 month challenge.

Moraxella bovis fraction, in controlled studies under field conditions, gave over 90% efficacy.

Moraxella bovis vaccine fraction expresses I and Q phase pilus antigens.

DD-2 adjuvant stimulates a high degree, long duration protection.

Low volume 2 mL dose.

Sub-Q administration.

Benefits

Single dose.

Meets Beef Quality Assurance guidelines.

Eliminates damage resulting from IM administration.

Advantages

Alpha-7/MB-1 is a unique product providing proven protection for 7-way clostridia and *Moraxella bovis* (Pinkeye) with a single injection.

Dosage & Administration

Using aseptic technique inject a single 2 mL dose Sub-Q to cattle 2 months of age or older, prior to the onset of pinkeye season. Calves vaccinated under 3 months of age should be revaccinated at weaning or at 4-6 months of age. A 2 mL booster dose is recommended annually.

Precautions

Store at 35° - 45°F (2° - 7° C). Avoid freezing. Shake well before using. Use entire contents when first opened. Do not vaccinate within 60 days of slaughter. The use of a biological product in lactating dairy cattle can cause reduced milk production. Swelling at the injection site will often occur and may persist. Anaphylactoid reactions may occur. Antidote: Epinephrine.

Uses

Alpha-7/MB-1 is recommended for vaccination of healthy, susceptible cattle, two months of age or older, as an aid in the reduction of diseases caused by *Cl chauvoei*, *Cl septicum*, *Cl novyi*, *Cl sordellii*, *Cl perfringens* Types C and D toxins and *Moraxella bovis*. Immunity may be provided against the beta and epsilon toxins elaborated by *Cl perfringens* Type B. This immunity is derived from the combination of Type C (beta) and Type D (epsilon) fractions.

Warning

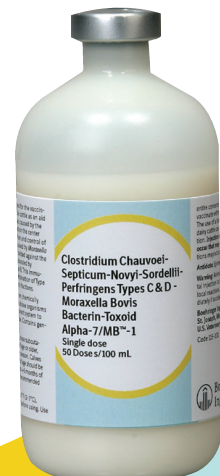
Animal inoculation only. Accidental injection in humans can cause serious local reactions. Contact a physician immediately if accidental injection occurs.

Product Information

Name	Code	Size
Alpha-7/MB™-1	115-311	20 mL
		10 doses
	115-331	100 mL
		50 doses

Highlights

- Single dose
- Combines 7-way clostridia and *Moraxella bovis* (pinkeye) in a one dose vaccine
- Proven Duration of Immunity
- Unique DD-2 adjuvant
- Sub-Q administration
- Low volume 2 mL dose
- Use in all cattle over 2 months of age



Serial No.:
Exp. Date:



Indications: Recommended for the vaccination of healthy, susceptible cattle as an aid in the reduction of diseases caused by the *Clostridial* organisms listed on the center panel, and for the prevention and control of pinkeye in healthy cattle caused by *Moraxella bovis*. Immunity may be provided against the beta and epsilon toxins elaborated by *Clostridium perfringens* Type B. This immunity is derived from the combination of Type C (beta) and Type D (epsilon) fractions.

Composition: Prepared from chemically inactivated cultures of the above organisms with the special DD-2 adjuvant system to maximize immune response. Contains gentamicin as a preservative.

Dosage: Inject a single 2 mL dose subcutaneously to cattle 2 months of age or older, prior to the onset of pinkeye season. Calves vaccinated under 3 months of age should be revaccinated at weaning or at 4-6 months of age. A 2 mL booster dose is recommended annually.

Precautions: Store at 35-45°F (2-7°C). Avoid freezing. Shake well before using. Use

**Clostridium Chauvoei-
Septicum-Novyi-Sordellii-
Perfringens Types C & D -
Moraxella Bovis
Bacterin-Toxoid
Alpha-7/MB™-1**
Single dose
50 Doses/100 mL

entire contents when first opened. Do not vaccinate within 60 days before slaughter. The use of a biological product in lactating dairy cattle can cause reduced milk production. **Injection site swellings will often occur that may persist.** Anaphylactoid reactions may occur.

Antidote: Epinephrine.

Warning: Animal inoculation only. Accidental injection to humans can cause serious local reactions. Contact a physician immediately if accidental injection occurs.

Boehringer Ingelheim Vetmedica, Inc.
St. Joseph, Missouri 64506 U.S.A.
U.S. Veterinary License No. 124

Code 115-371



15302-03

Alpha Vaccines

Product	Pathogen Protection	<i>Cl chauvoei</i>		<i>Cl septicum</i>		<i>Cl sordellii</i>		<i>Cl novyi</i>		<i>Cl perfringens</i> Type B		<i>Cl perfringens</i> Type C		<i>Cl perfringens</i> Type D		<i>M bovis</i>	
		Muscle				Liver		Gut				Eye					
Alpha-7/MB™-1		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Alpha-7™		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Alpha-CD™									✓	✓	✓	✓	✓	✓	✓	✓	✓

Boehringer Ingelheim Vetmedica, Inc.

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