

## COLORADO SERUM COMPANY

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### MANNHEIMIA HAEMOLYTICA-PASTEURELLA MULTOCIDA BACTERIN

#### **Colorado Serum**

This product has been shown to be effective in the vaccination of healthy cattle, sheep and goats against respiratory disease caused by *Mannheimia haemolytica* Types 1 & 2 and *Pasteurella multocida*. This product was licensed prior to the requirement to establish a minimum age for use. The duration of immunity is unknown. For more information regarding efficacy and safety data, see [productdata.aphis.usda.gov](http://productdata.aphis.usda.gov).

Safety in pregnant animals is unknown.

Contains thimerosal and formalin as preservatives.

**DIRECTIONS:** Do not vaccinate within 21 days before slaughter. Shake well before use. Use entire contents when first opened. Store at 2-8°C. Do not freeze. Do not mix with other products.

The presence of maternal antibody is known to interfere with the development of active immunity in cattle, sheep and goats, and additional boosters will be required in most young animals. For advice on vaccination frequency, consult a veterinarian.

**PRECAUTIONS:** Anaphylactoid reaction may occur following administration of products of this nature. If noted, administer adrenalin or equivalent. In case of human exposure, contact a physician.

**DOSAGE & ADMINISTRATION:** Inject 2 ml SC. Repeat in 2 to 4 weeks. Historically, annual vaccination is recommended. Contact veterinarian for advice.

#### **FOR VETERINARY USE ONLY**

#### **THE PEAK OF QUALITY SINCE 1923**

VLN: 188 / PCN: 2700.00

**COLORADO SERUM COMPANY**, 4950 York Street, Denver, Colorado 80216

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20 ml	10 doses
100 ml	50 doses

CPN: 1101028.3