

COLORADO SERUM COMPANY

4950 YORK STREET, P.O. BOX 16428, DENVER, CO, 80216-0428

Telephone: 303-295-7527

Order Desk: 800-525-2065

Fax: 303-295-1923

Website: www.colorado-serum.com

Email: colorado-serum@colorado-serum.com



THIS SERVICE AND DATA ARE PROVIDED "AS IS". DVMetrics assumes no liability, and each user assumes full risk, responsibility, and liability, related to its use of the DVMetrics service and data. See the Terms of Use for further details.

TETANUS TOXOID-CONCENTRATED

Colorado Serum

Adjuvanted

GENERAL INFORMATION: This product has been shown to be effective for the vaccination of healthy horses, cattle, sheep, goats, and swine against tetanus. 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.

Safety in pregnant animals is unknown.

Tetanus Toxoid is prepared by detoxifying tetanus toxin in such a manner as to allow the antigenic properties to remain intact. Product is purified, concentrated and adjuvanted to provide a low dose effective immunizing agent. Each serial is tested for purity, safety, and potency in accordance with USDA requirements.

Tetanus is caused by a neurotoxin produced by growth of *Clostridium tetani*, an anaerobic (lives without air) micro-organism, in necrotic tissue. Affected animals become stiff, have difficulty swallowing, and have an increased pulse rate. Breathing is labored. Spasmodic contractions of the muscular system occur, such as contracting muscles of the jaw.

Spasmodic contractions of the muscular system occur, such as contracting muscles of the jaw. Thus, the term "lockjaw" is often used. Legs and tail are often stiff with abdominal muscles contracted. Tetanus stricken animals may be unusually sensitive to light and heat. Temperature of the animal generally remains normal, elevating only shortly before death.

Protective antibody levels usually occur about two weeks after the second injection of the primary immunization series. In contrast, administration of Tetanus Antitoxin is recommended for immediate, emergency, passive treatment of exposed animals with unknown vaccination history or with signs of tetanus infection.

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

PRECAUTIONS: A transitory local reaction may occur at injection site. Anaphylactoid reaction may occur following administration of products of this nature. If noted, administer adrenalin or equivalent. In case of human exposure, consult a physician.

DOSAGE & ADMINISTRATION: For primary immunization, two doses should be administered subcutaneously or intramuscularly approximately 30 days apart. Use intramuscularly for horses as local reactions are more likely to occur if injected subcutaneously.

Horses: 1 ml IM

Cattle: 1 ml SC or IM

Sheep, Goats, Swine: 0.5 ml SC or IM

Historically, annual single dose revaccination has been recommended. Contact veterinarian for advice.

OTHER INFORMATION: Contains thimerosal and formalin as preservatives. Tetanus Toxoid Concentrate is available in single dose size packaged 10 vials to the carton, and in 10 dose vials.

THE PEAK OF QUALITY SINCE 1923

VLN: 188 / PCN: 8601.00

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

303-295-752

www.colorado-serum.com

Contact us for information on other Colorado Serum Company products. Fine Veterinary Products since 1923.

FOR VETERINARY USE ONLY

		Order #
--	--	---------

10 - 1 ml vials	10 - 1 dose vials	11411
10 ml	10 doses	11415

CPN: 1101033.3