

TETANUS TOXOID

Concentrated, Adjuvanted

GENERAL INFORMATION

Prepared by detoxifying tetanus toxin with formaldehyde solution 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 applicable standard requirements issued by USDA.

Tetanus is caused by a neurotoxin (poison) produced by growth of *Clostridium tetani*, an anaerobic (lives without air) micro-organism, in necrotic tissue.

Affected animals become stiff, have great difficulty swallowing, and an increased pulse rate. Breathing is labored. Spasmodic contractions of the muscular system occur, extending muscles of the jaw. Thus, the term "lockjaw" is frequently applied. Legs are often spread and the tail stiff with abdominal muscles retracted. Tetanus stricken animals may be unusually sensitive to light and heat. Temperature of the animal generally remains normal, elevating only shortly before death.

Vaccination with tetanus toxoid is recommended for healthy domestic animals, not infected with tetanus, to establish an active immunity for prevention against disease. 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 an unknown vaccination history or with signs of tetanus infection. Refer to the product circular for Tetanus Antitoxin for full information and consult with a veterinarian.

DIRECTIONS

Do not vaccinate within 21 days before slaughter.

PRECAUTIONS

Anaphylactoid reaction may occur following administration of products of this nature. If noted, administer adrenalin or equivalent.

DOSAGE AND 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 or Cattle: 1 ml. dose
Sheep, Goats, Swine: 0.5 ml. dose

Revaccinate annually using a single full dose as recommended above.

OTHER INFORMATION

1. A transitory local reaction may occur at injection site.
2. Store at 2° to 7° C. Do not freeze.
3. Shake well before use.
4. Use entire contents when first opened.
5. Contains thimerosal as a preservative.
6. Tetanus Toxoid concentrate is available in single-dose size packaged 10 vials to the carton, and in 10 dose vials.



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