

For Animal Use Only

LITTERGUARD LT-C

Reg. No. G2378 Act 36/1947

Namibia: N-SR 0712

Zimbabwe: E2000/80.23.14/9950

Indications

LitterGuard LT-C is for the vaccination of healthy, pregnant swine as an aid in passive maternal immunisation of their piglets against neonatal diarrhoea caused by (1) beta toxin produced by *Clostridium perfringens* Type C, and (2) enterotoxigenic strains of *Escherichia coli* producing heat labile toxin or having the K88, K99, 987P or F41 adherence factors. The bacterin-toxoid is a preparation of chemically inactivated strains of *E. coli* and *Cl. Perfringens* Type C beta toxoid.

LitterGuard LT-C protects pigs by means of maternally derived antibodies present in colostrums and milk of vaccinated dams. Newborn piglets' adequate and timely consumption of colostrums and milk is therefore essential for protection.

Pharmacological Action

LitterGuard LT-C is a liquid, multi-antigen, bacterin-toxoid for the vaccination of healthy, pregnant gilts and sows as an aid in passive maternal immunisation of their piglets against neonatal diarrhoea caused by strains of *E. coli* and *Cl. Perfringens* Type C.

Storage Instructions

Store between 2° - 7° C. Do not freeze

Protect against heat and direct sunlight.

Composition

LitterGuard LT-C is a liquid, bacterin-toxoid vaccine containing enterotoxigen strains of *Escherichia coli* producing heat-labile toxin or having the K88, K99, 987P or F41 adherence factors. It also contains *Clostridium perfringens* Type C.

Warnings

Do not vaccinate within 21 days before slaughter.

Keep out of reach of children, uninformed persons and animals.

If anaphylaxis or hypersensitivity occurs following use, administer adrenaline or equivalent. Without such treatment, serious reactions may result in death.

This vaccine has been shown to be efficacious but some pigs may be unable to develop or maintain an adequate immune response following vaccination if they are for example, incubating any infectious disease, are malnourished or parasitised, or are stressed due to transport or adverse environmental conditions, or otherwise immunocompromised.

Although this product has been extensively tested under a large variety of conditions, failure thereof may ensue as a result of a wide range of reasons. If this is suspected, seek veterinary advice and notify the registration holder.

Precautions

Use entire contents when opened.

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

Dosage and Directions for Use

Use only as directed.

General Directions: Shake well and administer 2 ml intramuscularly or subcutaneously to pregnant sows and gilts.

Primary vaccination: Administer 2 doses at least 2 weeks apart. The second dose should be given at least 2 weeks prior to farrowing.

Revaccination: A single dose should be administered at least 2 weeks prior to each subsequent farrowing.

Identification

LitterGuard LT-C is a liquid, bacterin-toxoid packed in a 100 ml (50 dose) opaque, white plastic or glass vial.

Presentation

100 ml vial containing 50 x 2 ml doses packed in a shipper carton with a package insert included.

Registration Holder

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