

FOR ANIMAL TREATMENT ONLY

COOPERS®

TASVAX® 8 in 1

CLOSTRIDIAL VACCINE FOR SHEEP AND CATTLE

ACTIVE CONSTITUENTS:

Clostridium perfringens Type B toxoid
Clostridium perfringens Type C toxoid
Clostridium perfringens Type D toxoid
Clostridium chauvoei whole cell culture
Clostridium novyi Type B toxoid
Clostridium septicum toxoid
Clostridium tetani toxoid
Clostridium haemolyticum toxoid
 Contains 0.15 mg/mL thiomersal as preservative

Potency (minimum inputs)

Not less than 30.6 TCP U/mL
 Not less than 15.3 TCP U/mL
 Not less than 55.3 TCP U/mL
 33% fermenter strength
 Not less than 5.95 TCP U/mL
 Not less than 6.4 TCP U/mL
 Not less than 3.0 IU U/mL
 Not less than 21.2 TCP U/mL

Sheep:

For active immunisation of sheep against Pulpy Kidney disease / Enterotoxaemia [caused by *C. perfringens* D], Lamb Dysentery [caused by *C. perfringens* B], Malignant Oedema / Gas Gangrene [caused by *C. septicum*, *C. chauvoei*, *C. novyi* or *C. perfringens*], Swelled Head in rams [caused by *C. novyi*], Blackleg and Post Parturient Gangrene [caused by *C. chauvoei*], Infectious Necrotic Hepatitis / Black Disease [caused by *C. novyi*] and Tetanus [caused by *C. tetani*].

Cattle:

For active immunisation of cattle against Pulpy Kidney disease / Enterotoxaemia [caused by *C. perfringens* D], Haemorrhagic Enterotoxaemia and Neonatal Calf Enterotoxaemia [caused by *C. perfringens* B and/or C], Malignant Oedema / Gas Gangrene [caused by *C. septicum*, *C. chauvoei*, *C. novyi* or *C. perfringens*], Blackleg [caused by *C. chauvoei*], Infectious Necrotic Hepatitis / Black Disease [caused by *C. novyi*], Bacillary Haemoglobinuria / Redwater [caused by *C. haemolyticum*] and Tetanus [caused by *C. tetani*].

To provide passive immunity via colostrum in young lambs and calves from vaccinated mothers. Duration of protection by passive immunity in lambs is 2 weeks for *C. septicum* and *C. chauvoei*, and up to 12 weeks for all other antigens. Duration of passive protection in calves is up to 2 weeks for *C. haemolyticum*, 8 weeks for *C. septicum* and *C. chauvoei*, and 12 weeks for all other antigens.

COOPERS®
EST. 1843

FIRST AID
 If poisoning occurs, contact a doctor or Poisons Information Centre. Phone Australia 131126.
 Additional information is listed in the Material Safety Data Sheet.

STORAGE
 Store at 2 to 8°C (Refrigerate. Do not freeze). Protect from light. **KEEP OUT OF REACH OF CHILDREN.**

DISPOSAL
 Dispose of empty container by wrapping with paper and putting in garbage.

Further information
 Should lambing/calving extend over a period of more than six weeks, the duration of transferred colostral protection in the later-born offspring may be shortened. These lambs/calves should be given their first dose of COOPERS TASVAX 8in1 from two weeks of age.
 In any animal population there may be a small number of individuals which fail to respond fully to vaccination. Successful vaccination depends upon correct storage and administration of the vaccine together with the animal's ability to respond. This can be influenced by such factors as genetic constitution, intercurrent infection, age, nutritional status, concurrent drug therapy and stress.

Warranty
 Intervet Australia Pty Ltd (IAPL) warrants that this product is of merchantable quality and fit for its intended purpose. IAPL's liability for any loss, including consequential losses or injury caused by any act or omission, including negligent acts or omissions, by IAPL or its agent, is limited to replacing or repairing the product at the option of IAPL. If possible, a sample of any product causing concern should be retained or delivered to IAPL within 30 days for a scientific examination.

For further information contact Coopers Customer Service on 1 800 226 511.

SPECIALIST ADVICE IN EMERGENCY ONLY
 COOPERS ANIMAL HEALTH
 (A Division of Intervet Australia Pty Ltd)
 1 800 226 511
ALL HOURS - AUSTRALIA WIDE

APVMA Approval No. 64083/0710

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 A division of Intervet Australia Pty Ltd
 91-105 Harpin Street, Bendigo East, Vic 3550

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DIRECTIONS FOR USE

Shake contents before use and keep thoroughly mixed before use.

Do not expose directly to heat and light during use. The use of an insulated container is recommended during the day to protect the vaccine. If it is to be hung beside the race, ensure it is on the shady side.

Dose:

For sheep and lambs over eight weeks of age, the first dose is 5 ml and subsequent doses, 2 ml. The primary course of immunisation consists of two injections, allowing an interval of six weeks between them.

For lambs aged 2-8 weeks, from unvaccinated ewes or ewes of unknown vaccination status, the initial dose is 2 mL followed by a second dose 4-6 weeks later with a further dose no later than six months after the first dose.

For cattle of all ages, the first dose is 5 mL with subsequent doses of 5 mL. The primary course of immunisation consists of two injections, allowing an interval of six weeks between them.

Revaccination is required every 12 months.

Use during pregnancy and lactation:
The vaccine has been shown to be safe and efficacious in sheep and cattle between 8 and 2 weeks prior to parturition. In the absence of specific data, no recommendations can be made for the use of the vaccine during the first or second trimester of pregnancy. Avoid stress in pregnant ewes and cows.

VACCINATION PROGRAMME

The primary course of immunisation consists of two injections, allowing an interval of 4-6 weeks between them.

An annual booster vaccination is required at intervals of not more than twelve months following the primary course.

Vaccinations should be completed at least two weeks before maximum immunity is required. This may be either a period of risk or in pregnant animals prior to parturition.

Previously sensitised ewes/cows should be injected 2 – 6 weeks before parturition is due to commence. This provides passive protection of the lamb/calf, via the colostrum*.

In lambs, passive protection will last for at least 12 weeks against *C. tetani*, *C. novyi*, *C. perfringens* B, C and D, and for 2 weeks against *C. septicum* and *C. chauvoei*.

In calves passive protection will last for at least 12 weeks against *C. tetani*, *C. novyi*, and *C. perfringens* B, C and D, up to 8 weeks for *C. septicum* and *C. chauvoei*, and up to 2 weeks for *C. haemolyticum*.

The vaccine may be used in lambs and calves as young as two weeks of age regardless of serum antitoxin levels acquired from maternal transfer.

*Note:

The degree of protection passed to offspring from the dam will vary depending on the dam's level of immunity and the amount of colostrum absorbed by the lamb/calf. These factors are affected by the overall vaccination program, time since dam vaccination, the offspring's ability to suckle, suckling frequency, and number of offspring being suckled. Therefore within a herd/flock there may be varying time periods of protection.

VACCINATION PROCEDURE

CAUTION: AVOID CARCASS DAMAGE:

1. Sterilise needles by boiling for at least ten minutes before use. Flush cooled, boiled water through vaccinator. Avoid use of strong disinfectants on needles and vaccinator.

2. Maintain maximum cleanliness at all times.

3. Keep needles sharp and clean. Change needles frequently (every 20-30 animals). Use short needles. Recommended maximum sizes 15mm x 18 gauge for sheep and lambs.

4. Check that the equipment is functioning properly and that it is delivering the correct dose.

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5. As far as possible avoid injection of animals in wet weather or under dusty conditions.

6. Inject only under the skin, but not into the muscle, by raising a fold of skin and injecting the

6. Inject only under the skin, but not into the muscle, by raising a fold of skin and injecting the dose under the raised skin – **NOT INTO IT**.

7. Cattle and sheep should be injected high on the side of the neck, behind the ear

Some animals vaccinated with COOPERS TASVAX 8in1 may experience reactions to vaccination. These reactions are usually localised swelling or induration at the injection site but may also include abscess or other reaction in the underlying tissues at the injection site.

Swelling at the injection site occurs in the majority of animals. Localised pain for 1-2 days may occur at the injection site. The local reactions do not affect the general health, demeanour, feeding or weight gain of the animals.

Assembly of VAXIPAK and draw-off set:

1. Attach end of draw-off tube to the vaccinating gun

2. Pierce rubber bung of VAXIPAK with draw-off needle, ensuring that plastic overcap snaps into position on the VAXIPAK cap.

3. The plastic cord is provided for hanging COOPERS TASVAX 8in1 in a convenient position e.g. from neck, belt, or rail.

Precautions

Do not vaccinate unhealthy sheep or cattle, or animals which may be affected by subclinical disease or physiological stress, without the advice of a veterinarian.

Warnings:

Syringes and needles should be sterilised before use and the injection should be made through an area of clean, dry skin, taking precautions against contamination.

Careful subcutaneous vaccination technique is important.

Cattle: Swelling may occur at the site of injection which should resolve within 1-2 months. The incidence and severity may be higher in calves less than one month of age.

Sheep: Swelling may occur at the site of injection which should resolve within 1-2 months post vaccination

Side-effects:
As with any vaccine occasional hypersensitivity reactions may occur in animals. In such cases

As with any vaccine occasional hypersensitivity reactions may occur in animals. In such cases appropriate treatment such as adrenalin or antihistamine should be administered without delay.

WITHHOLDING PERIOD NIL

TRADE ADVICE: EXPORT SLAUGHTER INTERVAL (ESI): ESI not required.

