

Is there a Gap in your defences?

TAD Salmonella Vac[®] E - the no hassle vaccine for effective Salmonella control

To protect against *Salmonella enteritidis* - from the very first day to the end-of-lay

TAD SALMONELLA VAC[®] E

the first oral *Salmonella enteritidis* vaccine that **bridges the 20-week gap** in your layers' immunity

provides immunity throughout rear and the critical period of transfer to the layer site

.....
simply added to the drinking water - no need to inject - cuts handling and stress

.....
protecting the consumer by protecting poultry

Research for your Benefit



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TAD SALMONELLA VAC E

Reg. No. G2740 Act / Wet 36/1947

A live, attenuated bacterial vaccine for the immunisation of breeder and layer replacement fowls during rearing as an aid to prevent *Salmonella enteritidis* infection and to reduce persistence and shedding of *Salmonella enteritidis* field strains.

Each dose contains at least 1×10^8 CFU attenuated *Salmonella enteritidis* bacteria.

Store in a refrigerator between 2 °C - 8 °C. Do not freeze. Protect both the reconstituted vaccination solution as well as the dry vaccine from direct sunlight.

WARNINGS

DO NOT VACCINATE WITHIN 3 WEEKS PRIOR TO SLAUGHTER.

VACCINATE HEALTHY FOWLS ONLY.

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

Administer strictly according to recommendations.

Apply one full dose per fowl, over dosage (10 fold) is not harmful, under dosage may lead to an insufficient development of immunity.

Do not administer any chemotherapeutics or antibiotics 3 days before or within 3 days after vaccination.

Destroy any unused, reconstituted vaccine and dispose of all the vaccine containers, syringes and needles by, for example burning after completion of vaccination.

Although this vaccine 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

Care should be taken that the drinking water used for the administration of the vaccine does not contain chlorine and/or any disinfectants.

It is good vaccination practice when handling the vaccine to avoid contact with the eyes, hands and clothing. Wash hands thoroughly with soap and water after handling the vaccine.

Do not administer this vaccine at the same time as, or mix this vaccine with any other vaccine, with the following exception; Day old fowls may be vaccinated with cell-associated Marek's vaccine (fowl or turkey Herpes virus) by injection, and thereafter, this can be followed by **TAD Salmonella Vac E** in the drinking water either in the hatchery or in the farm.

Use aseptic precautions:
Sterilise all needles, syringes and stoppers prior to use.

DIRECTIONS FOR USE: Use only as directed.

This vaccine is recommended for administration via the drinking water or by subcutaneous injection. The vaccination by drinking water is recommended in the rearing period at day-old, at 6 to 8 weeks and again at 16 to 20 weeks of age, but not later than 3 weeks prior to onset of lay. As an option, the third vaccination may be given by the subcutaneous route after the previous oral immunisation. If the vaccinations are carried out according to the recommendations, the fowls will be protected throughout one laying period, revaccination during lay is not necessary.

PREPARATION OF VACCINE

The vaccine should always be prepared freshly. The preparation of the ready-to-use vaccine is described below (DRINKING WATER ROUTE or SUBCUTANEOUS APPLICATION). The entire contents of the bottle must be used within 2 hours after mixing or be discarded.

DRINKING WATER ROUTE

This vaccine should be administered in day old chicks (within the first 36 hours of life) and repeated at 6-8 weeks and again at 16-20 weeks of age (not later than 3 weeks prior to onset of lay). The initial vaccination should be applied in the first water the day old chicks drink.

Mix the reconstituted vaccine in the recommended quantities of drinking water as indicated below. The vaccine should be used immediately after reconstitution. Use approximately 1-2 litres of cool, clean, non-chlorinated drinking water, remove the rubber stopper of the vaccine vial under water, then add this to the total quantity of drinking water and ensure proper mixing. To ensure that all fowls receive an equal share of the drinking water-vaccine mixture, withhold the water supply for approximately 1-2 hours before vaccination (dependent on ambient temperatures).

Drinkers should be cleaned prior to vaccination, but no disinfectants should be used. Ensure that there are enough drinkers in order for all the fowls to have access to the vaccine medicated water. Ensure that all medicated water has been consumed before the supply of unmedicated water is resumed.

Supply enough vaccine medicated water to ensure that all the fowls will be able to drink within half an hour to an hour. A guide to the mixing ratios of vaccine and water is as follows:

1. Vaccination on the 1st day of life, mix
1000 doses for 1000 chicks in 5 litres of drinking water
2000 doses for 2000 chicks in 10 litres of drinking water
2. Vaccination at the age of 6-8 weeks, mix
1000 doses for 1000 fowls in 20 litres of drinking water
2000 doses for 2000 fowls in 40 litres of drinking water
3. Vaccination at the age of 16-20 weeks of age, mix
1000 doses for 1000 fowls in 40 litres of drinking water
2000 doses for 2000 fowls in 90 litres of drinking water

SUBCUTANEOUS APPLICATION

This route is recommended in the 16th -20th week of life, but not later than 3 weeks prior to onset of lay. Use 500ml of diluent Diluject or sterile water for 1000 doses of vaccine. Reconstitute the vaccine as follows:

Allow the diluent to gradually reach room temperature (20 °C - 25 °C). With a sterile syringe transfer some diluent into the vaccine vial. After dissolution of the dry substance, inject the thus obtained solution into the diluent bottle. After vigorously shaking the vaccine is ready for use. (Avoid formation of foam when mixing).

Only prepare sufficient vaccine for the number of fowls that is anticipated will be vaccinated in about 1 hour, and inject as soon as possible. Shake well before and at regular intervals during use. Inject subcutaneously (neck region) 0,5ml per fowl. Compared to the drinking water vaccination, parenteral application results in measurable humoral antibody levels and is, therefore, preferably used in parent fowls in order to transfer maternal antibodies to the progeny. An alternative to the 3rd parenteral vaccination with **TAD Salmonella VAC E**, is to use an inactivated vaccine, e.g. **Talovac 109 SE (G 1891)** administered by subcutaneous injection.

Pack size: 1000 doses
2000 doses