



AVIAN INFECTIOUS ENCEPHALOMYELITIS VACCINE, LIVING BP (Vet)
(EPIDEMIC TREMOR VACCINE)
DIRECTIONS FOR USE

DESCRIPTION

This vaccine contains live modified (attenuated) Avian Infectious Encephalomyelitis (AE) vaccine virus strain received from Tri Bio Laboratories, Inc., State College, PA, USA. The virus is grown in Specific Pathogen Free (SPF) chick embryo, harvested and freeze dried with suitable stabilizer. It contains AE live virus vaccine strain and presented in freeze dried pellet form.

The product meets all rigid quality control standards of purity, safety, and potency as per individual monographs of viral vaccines of BP (Vet).

INDICATIONS

AE live, freeze dried vaccine is reconstituted in Vetri's appropriate diluent and recommended for active immunization of early age after hatching the chicks. AE infection in chickens of early age shows high mortality with nervous symptoms. This vaccine produces sufficient levels of immunity in breeder birds, which is passed on in commercial chicks' progeny in form of maternal immunity, which can take care of this disease in early age of these progeny chicks. The vaccine can also take care of drop in egg production in breeder birds, if AE infection occurs in laying stage.

DOSAGE FORM

Each dose of vaccine contains live, freeze dried AE virus more than $10^{2.5}$ EID₅₀ suspended in a suitable stabilizer.

DOSAGE

Drinking water method Sufficient vaccine mixed with water for birds to be vaccinated

RECONSTITUTION

Store the diluent bottles in the refrigerator overnight, to chill before use. Reconstitution of vaccine is carried out by drawing small quantity of diluent in the sterile syringe and then transferring this diluent in a freeze dried vaccine vial. Allow the pellet to dissolve completely with diluent, gently shake the vaccine vial, and then transfer it to the diluent bottle. Rinse the vaccine vial twice with the diluent in a similar manner. Reconstituted vaccine should be stored on ice and used completely within one hour. Follow aseptic techniques during reconstitution.

ADMINISTRATION

DRINKING WATER METHOD:

For drinking water method, before giving the vaccine, withhold the birds from drinking water for at least two hours to allow birds to get thirsty. However, variation in this can be done depending on the season.

Do not use chlorinated water. The waterers should be thoroughly cleaned before use. Do not use any disinfectant. Vaccination should always be conducted during cool hours. Use clean and cool water. Small ice blocks may be added in water to make it cool.

METHOD: Use of fresh skimmed milk powder of a good quality is recommended as a stabilizer for drinking water method. For each 10 litres of water, use 60 grams of skimmed milk powder. Skimmed milk powder is first dissolved in small quantity of water and then mixed with total quantity of water to be used for vaccination. Dissolve required number of doses of vaccine with diluent thoroughly and finally mix the content of reconstituted vaccine into the bulk skimmed milk water. Provide ample water space so that at least maximum number of birds can drink vaccine mixed with water comfortably.

MIXING PROPORTION:

Mix reconstituted vaccine in drinking water according to following schedule:

| Age of bird | Litres of water to be used | |
|--------------|----------------------------|---------------|
| | 1000 doses | 500 doses |
| 9 - 12 weeks | 20 - 25 litres | 10 -12 litres |

CONTRA-INDICATION

This vaccine is not recommended for those birds, which are clinically sick or severely debilitated, or under conditions of severe stress and strain.

GENERAL RECOMMENDED VACCINATION SCHEDULE FOR BROILER / LAYER BREEDER BIRDS:

| Age of bird | Mode of vaccination |
|--------------|-----------------------|
| 9 - 12 weeks | Drinking water method |

The vaccination is carried out only in broiler / layer breeder birds by drinking water method at 9 - 12 weeks age at which the vaccine virus is immunogenic but not pathogenic to these birds.

- Do not use this vaccine in chicks lesser than 9 weeks of age as the vaccine can bring about disease in smaller aged chicks.
- The vaccine should not be used in birds under laying to avoid transmission of the virus vertically in the progeny.

SHELF LIFE

Vaccine when stored at recommended conditions has shelf life of 12 months, which is indicated as an expiry date on the label.

STORAGE AND SHIPPING

Vaccine should be stored at +2°C to +8°C, preferably in deep freeze and transported through cold chain system. The vaccine should be protected from light. Diluent is stored and transported at room temperature.

PRESENTATION

Vials of 10 ml capacity, each containing lyophilized Avian Infectious Encephalomyelitis vaccine sufficient for 500 / 1000 doses as specified on the vial label and carton. Sterile diluent bottles sufficient for 500 / 1000 doses are supplied along with vaccine separately.

WARNINGS

- Consult Veterinarian / Poultry expert regarding vaccination schedule and use of vaccine.
- This product should be stored, transported, and administered in accordance with the instructions and directions of the manufacturer.
- This vaccine is not recommended for those birds, which are clinically sick or severely debilitated, or under conditions of severe stress and strain.
- Use the sterile diluent supplied with the vaccine only. This has been tested for its stability in the laboratory for virus for which it is prepared. We do not accept responsibility for the use of any other manufacturer's vaccine diluent.
- Examine diluent bottle before mixing for any abnormal change such as colour, turbidity, or foreign body. If so, do not use this bottle of diluent.
- Do not use unsterile vaccination equipment. Chemical disinfectant should not be used for sterilization of equipment.
- Do not mix the diluent and the vaccine until all the other preparations are ready.
- Keep reconstituted vaccine in ice bath during the entire vaccination period.
- Always vaccinate the healthy birds and keep the vaccinated birds comfortable by providing adequate temperature, feed, water, and good ventilation.
- For drinking water method, remove any disinfectant or water sanitizer from drinking water for 24 hours prior to and after vaccination.
- **Burn and destroy the used containers along with the leftover vaccine.**



For further information on the vaccine please contact

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Mfg. License No. PD-10

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