



AVIAN INFECTIOUS BRONCHITIS VACCINE, LIVING BP (Vet) (MASS TYPE STRAIN)

DIRECTIONS FOR USE

DESCRIPTION

This vaccine contains live Avian Infectious Bronchitis (IB) vaccine virus (Mass strain) received from Tri Bio Laboratories, Inc., State College, PA, USA of SPF chick embryo origin in lyophilised form. Vaccine virus is grown in Specific Pathogen Free (SPF) eggs, harvested and freeze dried with suitable stabilizer. This vaccine is live viral vaccine 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

Avian Infectious Bronchitis live freeze dried vaccine is reconstituted in appropriate diluent and is recommended for active immunization of different age group chicks against field strains of Infectious Bronchitis.

DOSAGE FORM

Each dose of vaccine contains live, freeze dried IB vaccine virus more than 10^{3.5} EID₅₀ suspended in a suitable stabilizer.

DOSAGE

Beak dip method Approximately 0.03 per chick
Nasal instillation / eye drop method 03 ml per chick
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. Follow aseptic techniques during reconstitution. Vaccine after reconstitution in diluent should be stored on ice and used completely within one hour.

ADMINISTRATION

A. BEAK DIP METHOD:

This method is recommended for use in one-day old chick on arrival at the farm. Reconstitute the vaccine with double the volume of diluent and keep it in a pot surrounded with ice. Hold chick in the right hand, firmly securing its neck with the index finger and thumb. Dip the beak in the vaccinated water and allow chick to suck the water. Remove immediately and make the bird free. Similarly vaccinate all other birds.

B. NASAL INSTILLATION / EYE DROP METHOD:

Nasal instillation / eye drop method should be used for primary vaccination. Use reconstituted vaccine immediately. If this method is to be used for higher dose packs, it is advisable to use more vaccinators so as to utilize reconstituted vaccine immediately.

METHOD: Hold the chick with one eye turned up. Take the vaccine product in sterile syringe, using blunt needle of 16 gauge or calibrated dropper supplied along with vaccine pack, instill either into the eye or nostril one drop per chick. Ensure that the vaccine drop is completely absorbed in the nostril or in the eye. In nasal drop method the vaccine droplet is inhaled by the chick on momentary pressing the beak.

C. 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			
	2000 doses	1000 doses	500 doses	200 doses
3 rd weeks	15 - 20 litres	8 - 10 litres	4 - 5 litres	2 - 3 litres
12 - 13 weeks	40 - 45 litres	20 - 22 litres	8 - 10 litres	4 - 5 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 AVIAN INFECTIOUS BRONCHITIS VACCINATION SCHEDULE

Age of bird	Route / Mode of vaccination
1 day old	Beak dip method
OR	
1 - 3 weeks	Intra ocular (0.03 ml) / drinking water method
12 - 13 weeks	Drinking water method

N.B.: Live Avian Infectious Bronchitis (Mass Type Strain) Vaccine is not to be used after 13th week age of bird. Only Avian Infectious Bronchitis Inactivated Vaccine is safe after 13th week and during egg production.

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 Bronchitis vaccine sufficient for 200 / 500 / 1000 / 2000 doses as specified on the vial label and carton. Sterile diluent bottles sufficient for 200 / 500 / 1000 / 2000 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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