

LT-IVAX[®]

Fowl Laryngotracheitis Vaccine

(Modified-Live Virus, Chicken Tissue Culture Origin)



For vaccination of chickens 4 weeks of age or older as an aid in preventing infectious laryngotracheitis.

ADVANTAGES:

- Solid and uniform protection against infectious laryngotracheitis when administered via eye-drop
- Safe – more attenuated than CEO vaccines, has not been associated with vaccine induced outbreaks
- Has been shown to not spread from bird to bird in challenge-based contact controlled studies



LT-IVax[®] vaccine is a live virus vaccine containing a carefully selected infectious laryngotracheitis virus strain modified by passage in tissue culture. This vaccine contains a very mild attenuated virus. For use in chickens 4 weeks of age or older, as an aid in preventing infectious laryngotracheitis through immunization by the eye-drop method.

10 x 1,000 doses

LT-IVAX[®]

Fowl Laryngotracheitis Vaccine

(Modified-Live Virus, Chicken Tissue Culture Origin)



For Animal Use Only.

Description

LT-Ivax[®] vaccine is a live virus vaccine of chicken tissue culture origin containing a carefully selected fowl laryngotracheitis virus strain modified by passage in tissue culture. Because of the highly modified character of this vaccine, it does not offer the same degree of protection usually obtained from more virulent products. This vaccine contains a very mild attenuated virus and there is no danger of seeding down the premises with laryngotracheitis virus which can spread and cause the disease. For use in chickens 4 weeks of age or older, as an aid in preventing fowl laryngotracheitis through vaccination by the eye-drop method, according to the following schedule.

When to Vaccinate

INITIAL VACCINATION – 4 weeks of age

REVACCINATION – 10 weeks of age or older

Vaccination Programs

The development of a durable, strong protection depends upon the use of an effective vaccination program as well as many circumstances such as administration techniques, environment and flock health at time of vaccination. Also, the immune response to 1 vaccination under field conditions is seldom complete for all animals within a given flock. Even when vaccination is successful, the protection stimulated in individual animals against different diseases may not be lifelong.

If necessary, the vaccine may be used to aid in limiting the spread of an outbreak; however, only birds not yet infected with the virulent outbreak virus can be protected.

Examination of birds for vaccination “takes” is unnecessary and so-called “takes” are not to be expected. As with all live virus vaccines, a mild transitory reaction may occur in a small portion of the flock, and with LT-IVAX this is generally limited to a mild, localized eye reaction of short duration.

Contraindications

The application of Newcastle disease or bronchitis vaccine, either singly or in combination should be avoided for a 3 day period prior to and for 3 days after the application of LT-Ivax.

Preparation of Vaccine

1. Do not open and mix the vaccine until ready for use.
2. Mix only 1 vial at a time and use entire contents within 2 hours.
3. Remove the tear-off aluminum seal and stopper from vial containing the dried vaccine.
4. Remove the tear-off aluminum seal and stopper from the bottle containing the diluent. Insert long end of adapter into diluent bottle.
5. Hold the diluent bottle firmly in an upright position and insert the vaccine vial on the adapter of the diluent bottle. The neck of the vaccine vial should snap into position and should be seated securely on the adapter on the diluent bottle.
6. Invert the 2 containers so that the vaccine vial is on the bottom and allow the diluent to flow into the vaccine vial. If the diluent does not flow freely, squeeze the diluent bottle gently and the diluent will flow into the vaccine vial. The vaccine vial should be completely filled with diluent to prevent excess foaming.

7. Hold the joined containers by the ends; shake vigorously until the vaccine plug is completely dissolved.
8. Return the joined containers to their original position (diluent bottle on the bottom). Allow the vaccine to flow into the diluent bottle. If the vaccine does not flow into the diluent bottle, tap or squeeze the diluent bottle gently and release to draw the vaccine into the diluent bottle. Be sure all the product is removed from the vaccine vial.
9. Remove the vaccine vial and adapter from the neck of the diluent bottle and insert dropper applicator into plastic diluent bottle.
10. The vaccine is now ready to use.
11. Wash hands thoroughly after mixing the vaccine.

How to Vaccinate

Vaccination for LT by the eye-drop method is conducted by allowing 1 full drop of rehydrated vaccine to fall into the open eye of the bird and hold until the bird swallows. Hold dropper bottle in vertical position throughout vaccination to avoid wasting vaccine.

Caution

1. Vaccinate only healthy birds. Although disease may not be evident, coccidiosis, chronic respiratory disease, *Mycoplasma* infection, lymphoid leukosis, infectious bursal disease, Marek's disease, or other disease conditions may cause serious complications or reduce protection.
2. An eye reaction may be noticed if birds are incubating coryza or other infectious organisms, or if there is excess ammonia or dust in the air of the housing facilities.
3. In outbreak situations, vaccinate healthy birds first, progressing toward outbreak areas in order to vaccinate diseased birds last.
4. Do not spill or spatter the vaccine. Use entire contents of vial when first opened. Burn empty bottles, caps and all unused vaccine and accessories.
5. Do not dilute the vaccine or otherwise stretch the dosage.
6. Store at 2° to 7° C (35° to 45° F).
7. Do not vaccinate within 21 days of slaughter.

Notice

This product is not hazardous when used according to directions supplied. A safety data sheet (SDS) is available upon request. This and any other consumer information can be obtained by calling Merck Animal Health Customer Service at 1-800-211-3573.

Records

Keep a record of vaccine type, quantity, serial number, expiration date, and place of purchase; the date and time of vaccination; the number, age, breed, and location of the birds; names of operators performing the vaccination and any observed reactions. This vaccine contains gentamicin as a preservative.

Contact our sales or technical services representatives to help design a custom vaccination program.