

Volvac® ND + IB MLV

Newcastle + Bronchitis / Newcastle, LaSota + Bronchitis , Mass

VIRUSLIVE

REG. SAGARPA B-2083-037



FORMULA

Each mL contains minimum titers of (ND) 10 7.0 DIEP 50 and (IB) 10 4.0 DIEP 50 .

PRESENTATIONS

10 x 1000 doses.

DESCRIPTION

Freeze-dried vaccine to Live virus modified against Newcastle disease, LaSota strain and Infectious Bronchitis serotype Massachusetts.

Replicated in SPF (Specific Pathogen Free) chicken embryos.

For ocular or oral application diluted in drinking water. Read carefully and follow the instructions carefully before applying the vaccine.

Volvac® ND + IB MLV can be administered to chickens, healthy laying hens and reproductive cocks as an aid in the prevention of Newcastle disease (ND) and Infectious Bronchitis (IB). In the case of broiler chicken, preferably revaccinate before 21 days of age.

THIS PRESENTATION CONTAINS

10 x 1,000 doses.

- Glass bottles with lyophilized virus and sealed in high vacuum.

* Note: For the ocular application the use of sterile colored diluent of 30 mL is recommended , which is sold separately with drippers for its application.

VACCINATION PROGRAM

The optimal vaccination time depends largely on the susceptibility, incidence of the disease, biosecurity of the farm and management of the flock. It is recommended to use it when the birds are free of diseases.

ROUTE OF ADMINISTRATION AND DOSAGE

Preparation of the vaccine:

To maintain the maximum potency of the vaccine, the virus should not be mixed with the diluent until a few minutes before its application.

Prepare the vaccine according to the following instructions:

1. Remove the aluminum crimp seals covering the vial of the lyophilized virus.
2. Carefully remove the rubber stopper and add diluent to the half of the lyophilized bottle.
3. Replace the rubber stopper and shake until the virus is completely diluted and reconstituted.
4. Pour this mixture to the rest of the diluent and shake again.
5. Now the vaccine is ready to be administered.

Eye application.

- Drill the rubber stopper from the diluent bottle with the applicator dropper.
- Hold the bird for vaccination, so that one of its eyes is facing up, depositing a drop of the vaccine (0.03 mL). Wait until it is fully absorbed and then release the bird.

Oral application, diluted in drinking water.

- Stop all medication or disinfection in the water 24 hours before the application of the vaccine.
- Place enough drinkers so that all birds can drink simultaneously.
- Wash the water troughs with water, without using disinfectants or detergents.
- Do not provide water to the birds before vaccination so that they are thirsty and drink the vaccine.
- Reconstitute the vaccine according to the instructions.
- Once the vaccine is reconstituted, transfer the vaccine to a clean container that contains clean, fresh water. Shake well.
- It is advisable to use a water stabilizer (1) to avoid the adverse effects of water hardness, iodine and chlorine ions, as well as the variation of pH in the viability of the vaccine.
- Pour the vaccine into the stabilizer water solution after 15 minutes of preparing the solution, using this guide:

For 10,000 birds	Water quantity / grams stabilizer
For 10,000 doses	For birds from 1 to 4 weeks of age 100 liters + 50 g of stabilizer

- The water with the vaccine should be distributed evenly in the drinkers to ensure that all birds consume the water with the vaccine. Do not expose the drinkers with the vaccine to direct sunlight.
- After drinking the water with the vaccine, the supply of drinking water must be resumed.

(1) The use of a water stabilizer is recommended. In the case that the operation has water that does not require any type of conditioning, it is not necessary to use a stabilizer.

For more information on the method of oral application in drinking water consult our technical department.

PRECAUTIONS

1. The proper vaccination technique should ensure complete immunization of the flock.
2. Vaccination of full flocks on the same day decreases the risk of postvaccinal chain reactions .
3. Maternal Newcastle antibodies can systematically interfere with the success of immunization in birds less than 2 weeks of age.
4. Establish your vaccination schedule according to the frequency of outbreaks of the disease in your region and the seasonal needs of your birds.
5. The immunological reaction or protection of birds with the vaccine, depends largely on carefully observing the instructions indicated.
6. Newcastle virus can cause mild eye irritation in men, which disappears a few days later.
7. After using the vaccine, destroy the container and the unused contents.
8. Keep out of the reach of children and pets.
9. Do not vaccinate within 21 days prior to the slaughter of animals intended for human consumption.

NOTE: This lot of Volvac® ND + IB MLV Newcastle + Bronchitis / Newcastle, LaSota + Bronchitis , Mass , before going on sale has been subjected to rigorous tests of purity, safety, power and immunity according to the standards, requirements and government regulations.

We are not responsible for mishandling or improper use of the product.

CONSULT A VETERINARY