

# Volvac® AE + FP MLV

Avian Encephalomyelitis + Avian Pox / Avian Encephalomyelitis , Calnek / Fowl Pox , Homologous Virus

VIRUSLIVE

REG. SAGARPA B-2083-038



## FORMULA

Each mL contains a minimum titer of 104.0 DIEP50 for AE and 104.0 DIEP50 for FP.

## DESCRIPTION

Freeze-dried vaccine to live Virus against the diseases of Avian Encephalomyelitis strain Calnek and Avian Pox, homologous virus, replicated in chicken embryos SPF (Free of Specific Pathogens).

For application by means of the puncture method in the wing membrane.

Read carefully and follow the instructions carefully before applying the vaccine.

Volvac® AE + FP MLV is indicated for delivery to replacement litters, layers and breeders 10 weeks of age or older, in healthy birds that are not in production. As an assistant in the prevention of Avian Encephalomyelitis (AE) and Avian Pox (FP).

## THIS PRESENTATION CONTAINS

10 x 1,000 doses.

- Ten glass bottles with lyophilized virus and sealed in high vacuum.

\* Note: To suspend the virus, the use of sterile colored diluent of 10 mL is recommended , which are sold separately with ten double needle punches 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.

Apply between the first ten weeks of life of the birds and four weeks before the start of egg production.

## 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.

Method of vaccination by puncture in the wing membrane.

1. Hold the bird so that one of its wings is facing up; If necessary, detach some feathers from the inner side of the wing where you are going to do the puncture.
2. Immerse the tip of the punches in the vaccine and pass through them the wing membrane, avoiding piercing blood vessels, muscles and bone.

Reaction of the vaccine:

1. Seven to ten days after vaccination, at the site of application of the vaccine, a small reddish pustule appears with the presence of a scab, which disappears and falls a few days later.
2. As a rule, check 100 birds per booth to verify the presence of the post- vaccinal reaction in the wing fold.
3. Birds that do not have a post- vaccination reaction should be re-vaccinated.

## PRECAUTIONS

1. Avoid inadvertent exposure of birds with vaccine bottles and punches of applicators inside the shelter. Prevent contamination of breakdown machines and vaccination equipment with this vaccine. Inadequate exposure can cause variolary lesions in susceptible birds.
2. Do not vaccinate before ten weeks of age.
3. Post-vaccinal reactions are minor or do not occur in previously immunized birds.
4. The appropriate vaccination technique should ensure complete immunization of the flock.
5. Vaccination of whole flocks on the same day decreases the risk of postvaccinal chain reactions .
6. Establish your vaccination program according to the frequency of outbreaks of the disease in your region and the seasonal needs of your birds.
7. The immunological reaction or protection of the birds with the vaccine depends largely on carefully observing the indicated instructions.
8. After using the vaccine, destroy the container and the unused contents.
9. The application of the product in birds in the egg production stage can cause falls of up to 10% in production for more than 5 days.
10. Keep out of the reach of children and pets.
11. Do not vaccinate within 21 days prior to the slaughter of animals intended for human consumption.

NOTE: This series of Volvac® AE + FP MLV, before going on sale has been subjected to tests of rigorous purity, safety and power, according to the rules, requirements and government regulations. We are not responsible for mishandling or improper use of the product.

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VETERINARY USE