



ATLAS VETERINAIRE

ATLAVAC GUMBORO

COMPOSITION:

- Live attenuated virus of avian infectious bursitis, strain "Lukert"
(intermediate strain): Min $10^{3.5}$ Max $10^{5.5}$ DIO₅₀ / dose.
Excipients: 1 dose

SPECIES CONCERNED:

Hen species (Broilers breeding, flayers).

PHARMACEUTICAL PROPERTIES

The vaccine contains the live attenuated infectious bursitis "Lukert" virus, which is capable of inducing immunity in birds vaccinated from the 7th day of age. The ATLAVAC GUMBORO vaccine strain "Lukert" is an intermediate strain with an average bursal lesion score on the 21st day post vaccination less than or equal to 2.0 on a scale of 0 to 5, after administration of 10 times the recommended dose. The use of this intermediate attenuated strain, the advantage of which is that it is not cloned and the degree of attenuation of which is less pronounced than the cold strains and more advanced compared to the hot strains, gives the chickens solid and lasting protection from the 14th day following vaccination without causing irreversible damage to the Fabricius purse. The vaccine is recommended for the prevention of infectious bursitis, in chickens, laying and breeding hens outside the laying period.

THERAPEUTIC INDICATIONS:

Active immunization of chicken species against Infectious Avian Bursitis (Gumboro Disease). The ATLAVAC GUMBORO vaccine strain is an intermediate strain that induces active immunity in chickens from day 7 of age.

CONTRAINDICATIONS:

Sick birds should be excluded from vaccination. Avoid vaccination during the laying period.

ADMINISTRATION AND USUAL DOSAGE

Administer a dose of at least $10^{3.5}$ DIO₅₀ per bird, starting on the 7th day of age.



METHOD OF ADMINISTRATION

Oral route by incorporation in drinking water:

- The administration of the vaccine in drinking water is recommended from the 7th day of age.
- The water to be used for the administration of the vaccine must be free of all traces of sanitizing or disinfectant medication.
- Water troughs and pipes must be cleaned, rinsed well and in sufficient quantity so that all the chickens can drink at the same time.
- Before vaccination, remove the drinking water for 2 to 3 hours to stimulate thirst in chickens.
- The vaccine reconstitution water must be fresh and clean without traces of chlorine, detergent or any other disinfectant.
- The vaccine is used immediately after its reconstitution; it is distributed in the drinkers taking care not to expose it to direct light.
- For better stability of the virus, add skimmed milk to the drinking water (for example 2 to 4g per liter).
- Before reconstituting the vaccine: - Make sure that the water to be used is cold. - Determine the number of doses of vaccine and the amount of water required based on the number of birds to be vaccinated so that the intake lasts one to two hours maximum following the preparation of the vaccine suspension.
- Do not divide the contents of a vial when dissolving in the drinking water to avoid mixing errors.
- Open the ampoule under water and completely reconstitute the vaccine. Make sure to rinse the bottle and the cap twice and recover all the contents in the drinking water.
- Add skimmed milk powder to the reconstituted vaccine suspension at a rate of 2 to 4 g per liter.
- Prepare only the volume of vaccine to be administered within two hours of mixing.
- Please ensure that the drinkers contain only the water containing the vaccine. If water is still present, drain the lines before administering the vaccine.
- Ensure that all birds have been drinking during the vaccination period and that they do not have access to untreated water.



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SPECIAL PRECAUTIONS FOR USE :

- Vaccinate only healthy birds.

POSSIBLE DRUG INTERACTIONS:

Interaction with Newcastle disease vaccine has been tested. 7-day old chicks were vaccinated with ATLAVAC GUMBORO and live ATLAVAC HB1 Newcastle disease vaccine. 14 days later, vaccinated birds showed good protection against the pathogenic Newcastle disease virus. This shows that there is no interaction between these two vaccines. No information is available on the safety and efficacy of this vaccine when combined with another veterinary drug. Therefore, the decision to use this vaccine before or after another veterinary medicinal product should be taken on a case-by-case basis. The presence of disinfectant and/or antiseptics in the water and equipment used for the preparation of the vaccine solution is incompatible with effective vaccination.

SIDE EFFECTS:

The vaccine used according to the recommended instructions does not induce any apparent side effects. Nevertheless, administration of the vaccine with 10 X the vaccine dose results in discrete lymphocyte depletion in the Fabricius bursa of a score of 1 from the 14th day after vaccination. Repopulation of the bursa is observed on day 21 post-vaccination with a lesion score of 0.8.

SPECIAL PRECAUTIONS FOR STORAGE:

Store and transport the vaccine at a temperature between +2°C and +8°C, protected from light. Do not freeze.

WITHDRAWAL PERIOD:

Zero days.

PHARMACEUTICAL FORM:

Lyophilisate for oral suspension.

PRESENTATIONS:



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Glass vials of 1000 doses. Box of 10 vials of 1000 doses. Box of 100 vials of 1000 doses.

- The vaccine should be used immediately after reconstitution.
- Observe usual aseptic conditions
- Do not use chemically sterilized equipment.
- Do not expose the reconstituted vaccine to heat and/or direct sunlight.
- Do not freeze the reconstituted vaccine.