



Jovac IBD D78[®]

Lyophisate live attenuated Infectious Bursal Disease Virus strain D78 Vaccine

STATEMENT OF THE ACTIVE SUBSTANCE(S) AND OTHER INGREDIENTS: Each dose contains:

- Active substance:
A minimum of $10^{3.0}$ TCID₅₀ of freeze-dried live attenuated Infectious Bursal Disease Virus (Gumboro) vaccine prepared from the reference strain D78.
- Other ingredients:
Lactose and nonfat dried milk powder.

INDICATIONS:

Jovac IBD D78 is indicated for prevention of infectious bursal disease (Gumboro) in chickens.

CONTRAINDICATIONS:

Do not vaccinate sick or stressed birds.

ADVERSE REACTIONS:

None.

If you notice any side effects inform your veterinarian.

TARGET SPECIES:

Chickens.

DOSAGE:

The immune response of birds depends on the level of maternal antibodies, the type of virus strain present in the environment and on the ability of the vaccine strain to break through the maternal immunity. Most chicks carry maternal antibodies to Gumboro disease virus vaccine, so the time of vaccination depends on the titer maternal derived antibodies measured by ELISA according to Deventer formula. Generally it is advisable to vaccinate between 12-17 days of age.

VACCINATION SCHEDULE:

Oral route via drinking water:

- The vaccine should be diluted in adequate quantity of final drinking water in order be consumed within one to two hours after dissolving the vaccine in water according to age of the birds and climatic conditions as follows:
2-3 weeks of age
Dilute 1000 doses in 10 liters
7 weeks of age
Dilute 1000 doses in 20 liters
14 weeks of age and older
Dilute 1000 doses in 40 liters

ADVICE ON CORRECT ADMINISTRATION:

- Use only clean, antiseptic or disinfectant-free materials for the preparation of the vaccine solution.
- Deprive birds of drinking water 1-2 hours before vaccination.
- Ensure that the drinking troughs and water are free from antiseptic or disinfectant substances.
- Add nonfat dried milk powder to drinking water at a concentration of (2g / L) to stabilize the vaccine's activity.
- The drinking water temperature containing the vaccine must not exceed 15-20°C.
- The vaccine should be given in the early morning or the cool period on a hot day.
- The vaccine suspension, obtained by reconstitution of the product, should be distributed to a number of drinking troughs sufficient for all the birds to be vaccinated within a period of one to two hours.

WITHDRAWAL PERIOD:

Zero days.

SPECIAL STORAGE PRECAUTIONS:

- Store in a refrigerator (2°C-8°C).
- Protect from direct sunlight.
- Keep out of the reach and sight of children.
- The vaccine remains stable for 2 years from production date stated on the label under the recommended storage conditions.
- Shelf life after reconstitution: Use the vaccine within 2 hours after reconstitution.

SPECIAL WARNING(S):

Special warnings for each target species:
Vaccinate healthy birds only.

Special precautions for use in animals:
Not applicable.

Special precautions to be taken by the person administering the medicinal product to animals:

Jovac IBD D78 vaccine is not pathogenic for humans. In case of eye contact occurs, wash with water.

Use during lay, fertility:

Can be administered during the laying period.

Interaction with other medicinal products and other forms of interaction:

No information is available on the safety and efficacy of this vaccine when used with any other veterinary medicinal product. A decision to use this vaccine before and after any other veterinary medicinal product therefore needs to be made on a case-by-case basis.

Overdose:

10 X of the dose of a vaccine: no reaction has been reported.

If you notice any side effects inform your veterinarian.

SPECIAL PRECAUTIONS FOR DISPOSAL:

Any unused veterinary medicinal product or waste materials derived from such veterinary medicinal product should be disposed of in accordance with local requirements.

OTHER INFORMATION:

Gumboro disease is caused by a small virus called infectious bursal disease virus (Birnaviridae). The infection destroys the chicken's immune system and becomes susceptible to secondary disease conditions such as E. Coli infection, gangrenous dermatitis;... etc.

Prevention of the disease is by strict biosecurity, disinfectant and vaccination by appropriate vaccine and time of vaccination.

Package sizes:

Vials of: 200 doses, 500 doses, 1000 doses, 2000 doses and 2500 doses.

FOR VETERINARY USE ONLY.



Jovac

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