

CLONEVAC D-78®

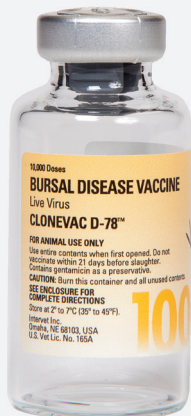
Bursal Disease Vaccine

(Live Virus)

For the vaccination of chickens at 1 day of age or older by coarse spray application for the prevention of infectious bursal disease (IBD). It may also serve as a live virus primer of replacement pullets for subsequent vaccination with inactivated IBD vaccine.

ADVANTAGES:

- D-78 strain of IBD virus is derived from a natural field strain; it has not been attenuated by tissue culture or egg passage
- Capable of overcoming moderate levels of maternal antibody to induce strong, early protection
- Produces minimal damage to the bursa
- Safe to use in chickens at 1 day of age



Clonevac D-78® is a lyophilized live, cloned intermediate vaccine for the control of IBD in young chickens. It is approved for use in chickens 1 day of age or older via coarse spray application or 2 weeks of age or older via drinking water.

10 x 10,000 doses

CLONEVAC D-78®

Bursal Disease Vaccine

(Live Virus)



For Animal Use Only.

Description

Clonevac D-78® contains an intermediate strain of infectious bursal disease (IBD) virus propagated in specific-pathogen-free (SPF) substrates. This strain was developed from a bursal disease field isolate.

Indications for Use

Clonevac D-78, a live virus vaccine, is indicated for initial vaccination of healthy chickens 2 weeks of age or older via drinking water or 1 day of age or older via coarse spray for the prevention of IBD – also known as Gumboro disease. The vaccine may also be used for priming of breeder replacement pullets. If chickens are vaccinated earlier than 2 weeks of age, revaccination at 4 weeks may be indicated for optimum protection.

Vaccination Programs

Immune status, general health, and field exposure to IBD virus must be assessed to develop an effective program. Immunological priming of breeder replacement chickens can be accomplished at 10 to 12 weeks of age, followed by the use of an inactivated vaccine at 18-20 weeks of age.

Preparation of Vaccine

FOR DRINKING WATER OR COARSE SPRAY USE

DO NOT OPEN AND MIX THE VACCINE UNTIL READY TO BEGIN VACCINATION. USE VACCINE IMMEDIATELY AFTER MIXING.

1. Remove the tear-off seal and stopper from the vial containing the dried vaccine.
2. Carefully pour clean, cool, non-chlorinated tap water into vial until the vial is approximately 2/3 full.
3. Insert the rubber stopper and shake vigorously until all material is dissolved.
4. The vaccine is now ready for use in accordance with directions below. For the best results, be sure to follow directions carefully!

Drinking Water Administration

FOR CHICKENS 2 WEEKS OF AGE OR OLDER

1. Do not use any disinfectants in the drinking water 48 hours before vaccinating and for 24 hours after vaccination.
2. Withhold the water from the chickens until they are thirsty. Withholding periods will vary from 2 to 12 hours according to age of chickens and climatic conditions.
3. Scrub waterers and rinse thoroughly with fresh, clean water. Do not use disinfectants for cleaning the waterers.
4. Rehydrate the vaccine as directed above.
5. Mix rehydrated vaccine with clean, cool, non-chlorinated tap water in accordance with the following chart:

Age of Chickens	Water Per 1,000 Doses Vaccine
2-4 weeks	6 Gal. (23 liters)
4-8 weeks	10 Gal. (38 liters)
8 weeks or older	16 Gal. (60 liters)

6. As an aid in preserving the virus, 3.2 ounces (85 ml) of non-fat powdered milk may be added with each 10 gallons of water used for mixing vaccine. Add the dried milk first and mix until dissolved. Then add the rehydrated vaccine from the vial and mix thoroughly.

7. Distribute the vaccine solution, as prepared above, among the waterers provided for the chickens. Avoid placing waterers in direct sunlight.
8. Provide no other drinking water until all the vaccine-water solution has been consumed.

Coarse Spray Vaccination

FOR CHICKENS 1 DAY OF AGE OR OLDER

1. Use rehydrated vaccine as indicated for specific coarse spray vaccination machine. For example, a sprayer which dispenses 20 ml to 100 chickens; – total volume for 2500 doses is 500 ml, and 10,000 doses is 2000 ml of deionized water. Mix thoroughly.
2. Add the prepared vaccine solution to reservoir on the sprayer.
3. Prime and adjust sprayer as instructed in manual accompanying the specific machine.

Caution

1. VACCINATE ONLY HEALTHY CHICKENS. Although disease may not be evident, coccidiosis, mycoplasma infection, Marek's disease, and other disease conditions may cause complications or reduce immunity.
2. All susceptible chickens on the same premises should be vaccinated at the same time.
3. Efforts should be taken to reduce stress conditions at the time of vaccination and during the reaction period.
4. Do not spill or splash the vaccine.
5. Do not dilute the vaccine or otherwise stretch the dosage.
6. Use entire contents when first opened.
7. Do not vaccinate within 21 days before slaughter.
8. Burn this container and all unused contents.
9. This vaccine contains gentamicin as a preservative.

Notice

This vaccine has undergone rigid potency, safety and purity tests, and meets Merck Animal Health, and USDA requirements. It is designed to stimulate effective immunity when used as directed, but the user must be advised that the response to the product depends upon many factors, including, but not limited to, conditions of storage and handling by the user, administration of the vaccine, health and responsiveness of individual chickens, and the degree of field exposure. Therefore, directions should be followed carefully.

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, quantity, serial number, expiration date, and place of purchase; the date and time of vaccination; the number, age, breed, and locations of chickens; names of operators performing the vaccination and any observed reactions.

STORE VACCINE BETWEEN 2 AND 7°C (35 AND 45°F).

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