

# M.B.

**INFECTIOUS BURSAL DISEASE VACCINE M.B. STRAIN  
• LIVE VIRUS**

**Description:**

This vaccine is a live partially attenuated virus of Gumboro disease which is freeze-dries in the final containers and sealed under vacuum.

The vaccine is made with tissues and fluids of embryonated chicken eggs obtained from specific pathogen free (S.P.F) flocks .

The strain virus used for Infectious Bursal Disease Vaccine - manufacturing was selected because of its good immunizing capacity. In sensitive chickens the vaccine virus will have a transient effect on the bursa. The M.B. strain is an "intermediate" strain in its virulence level and is intended for use in areas where virulent Gumboro is prevalent, and where chicks carry a maternal antibody level.

**Presentation:**

Vacuum - sealed vials containing IBO virus M.B. Strain in 3 freeze-dried form

**Packages:**

1000, 2000, 2500 OR 5000 doses.

**Storage:**

Keep refrigerated at 2°-8°C, protected from light.

**Methods of Administration:**

This vaccine is used in chicks for the prevention of Gumboro disease. For best results, birds should be vaccinated at 10-12 days of age. One vaccination gives a good protection.

**Drinking water administration:**

Reconstitute the vaccine with cool drinking water. When reconstituted, the vaccine should be diluted adequate quantity of final drinking water. One thousand doses of vaccine should be diluted in 10 liters of water. To neutralize chlorine and other chemicals in drinking water, add 50 ml of skim milk or 5 grams of skim milk powder to each 1 liter of water. After dissolving wait 5 minutes, then add the vaccine

**Eye drop administration:**

Dissolve contents of one vial in cold boiled water or distilled water in the following proportions 1 vial of 1000 doses for 30 ml to 50 ml of water (the exact amount of water will depend of the type of dropper being used I. Shake contents of vial to dissolve. Hold the bird pressed in one hand. Allow one drop to fall into the eye. Release pressure, release bird.

**Precautions:**

1. Stop any treatment or disinfection of drinking water 24 hours before vaccination.
2. Make sure that enough drinkers are available so that all birds may have their water ration.
3. Water and drinkers shall be clean and with no traces of disinfectants.
4. Do not heat the water containing the vaccine.
5. The reconstituted vaccine shall be used immediately.
6. Thirst birds by stopping water supply 1 to 2 hours before vaccination.
7. Make sure that vaccine water is available to all birds and that it is consumed within 1-2 hours.
8. Do not start water supply again before all vaccine is consumed.

**Note:**

This vaccine was carefully produced and thoroughly tested in accordance with international standards before being offered for sale. Since we cannot control the conditions or circumstances under which this product is stored and shipped after it leaves our laboratory, and since the actual application of this in the field are factors over which we have no control, we therefore. cannot accept any responsibility for results not in accord with the normal expected reaction and mortality.

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