

# INFECTIOUS BURSAL DISEASE VACCINE, LIVE, I.P. 358587 R1

Nobilis®  
GUMBORO 228E



NOT FOR HUMAN USE, FOR ANIMAL TREATMENT ONLY.



Warning: To be sold by retail on the prescription of a 'Veterinary Doctor' only

## COMPOSITION

Nobilis Gumboro 228E is a live, freeze-dried intermediate plus type vaccine against Infectious Bursal Disease, grown in embryonated eggs. Each dose contains at least  $2 \log_{10}$  EID<sub>50</sub> of the Live Gumboro disease virus strain 228E. The vaccine pellet contains stabilizers and gentamicin as preservative.

## INDICATION

For active immunization of chickens against Infectious Bursal Disease (IBD).

## ADMINISTRATION

The vaccine can be administered through the drinking water. The vaccine should be dissolved in an amount of water which will be consumed by the animals within approx. 2 hours.

## VACCINATION PROGRAM

The vaccine virus strain 228E is a less attenuated intermediate IBDV strain. As a result of this, the virus is capable to break through the maternal immunity at an earlier stage and will spread better through the vaccinated flock.

The age at which chickens can be successfully vaccinated depends on the level of maternal derived antibodies (MDA) and therefore on the kind of chickens and on the way the parent breeding flock is vaccinated.

Guideline:

1. Broilers derived from parent flocks vaccinated with live Gumboro vaccines only, can be vaccinated from day 7 - 14.
2. Broilers derived from parent flocks vaccinated with inactivated Gumboro vaccines, can be vaccinated from day 14 - 17.
3. The vaccination of future laying stock derived from parent flocks vaccinated with live Gumboro vaccines only, should be carried out from day 14 - 21.
4. The vaccination of future laying stock derived from parent flocks vaccinated with live and with inactivated Gumboro vaccines should be carried out from day 21 - 28.

Above presented scheme is based on the fact that at these time periods the MDA levels in that particular progeny have decreased sufficiently (e.g.  $\log_2$  VN titre between approximately 7,0 and 8,5) to vaccinate them successfully with Gumboro vaccine Nobilis strain 228E but are still high enough to protect them against infection with circulating field viruses.

## IMMUNITY

The first signs of the antibody response were observed one week after the vaccination.

### **VACCINATION REACTION**

Post vaccination reactions have not been observed after vaccination of healthy chickens.

### **WITHDRAWAL PERIOD:**

None.

### **LIST OF EXCIPIENTS:**

- Sucrose
- Bovine serum albumin
- Monobasic potassium phosphate
- Disodium phosphate dihydrate
- Monosodium glutamate
- Gentamicin sulphate

### **PRECAUTIONS**

- Wash and disinfect hands and equipment after vaccination.
- Vaccinate healthy birds only.
- Each vial should be used immediately after opening.

**SHELF LIFE:** 24 months when stored at 2 to 8 °C

The reconstituted vaccine shall be used within 2 hours

### **STORAGE CONDITIONS**

Store in a dark place between +2° and +8°C.

### **PRESENTATIONS**

Vials of 1000, 2500 and 5000 doses in packages of 10 vials.

### **Imported & Marketed by:**

Intervet India Pvt. Ltd.  
Sagar complex, Bldg.B-1,  
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### **Manufactured by:**

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