

# HIPRAGUMBORO CH/80

## Cloned live vaccine against Gumboro disease, in oral freeze-dried tablet

### COMPOSITION PER DOSE:

Live infectious bursal disease virus, clone CH/80  $10^{3.5}$  -  $10^{6.5}$  TCID<sub>50</sub>

The interference of IBD maternal antibodies on certain vaccines against Gumboro disease reduces the active immunity conferred by vaccinations. Attempts to overcome this problem by using "hot" or "intermediate" strains have resulted in the colonization of lymphoid organs, which causes lymphocyte depletion and immunosuppression in vaccinated animals. This entails a risk of failure in the development of normal immunity in relation to other vaccines that the bird may receive at a latter date.

The CH-80 strain induces maximum immune performance with minimum impairment of the bursal lymphoid system, especially in birds with irregular levels of passive antibodies. The antigen contents as well as the characteristics of the strain make HIPRAGUMBORO CH/80 a product of choice to control IBD in birds.

### INDICATIONS:

**Poultry:** To prevent Gumboro disease.

### ADMINISTRATION ROUTE:

Ocular-nasal, oral or spray.

**Ocular-nasal:** Once the freeze-dried tablet is dissolved in the diluent included (sterile distilled water), administer one drop of the vaccine (0.03 ml) per bird, in the eye or nare, using a standard dropper (normally 30 ml per 1,000 doses).

**Oral:** Dissolve the freeze-dried tablet by filling the flask in which it is contained to half volume with fresh tap water, shake and pour it into an adequate container up to a volume of drinking water that can be ingested within ½ or 1 hour at most, keeping in mind that:

Age of the bird	Approx. amount of water for 1,000 birds
1 to 3 weeks	5-10 litres
4 to 9 weeks	12-23 litres
10 to 16 weeks	27-37 litres

**Spray:** Validate the apparatus to be used to check the necessary amount of water. To do this, fill the apparatus with fresh tap water and spray the surface which birds occupy, in a manner so that the heads of all the birds are covered with droplets of water. Check the quantity of water used, and this will be the amount that will have to be used to mix with the necessary doses, depending on the number of birds to be vaccinated.

### DOSAGE:

**Poultry:** 1 dose/bird.

Generally, the following vaccination programme is recommended:

#### A.- Areas where Gumboro disease is prevalent (with unknown levels of maternal immunity):

##### A1.- Chickens:

- Vaccination one week after hatching.
- Revaccination at 15-21 days of age.

##### A2.- Layers and Breeders:

- Vaccination one week after hatching.
- Revaccination at 15-21 days of age.
- Revaccination at 6-7 weeks of age.

#### B.- Areas free of Gumboro disease (with known levels of maternal immunity):

##### B1.- Chickens:

- Vaccination at 12-15 days of age.

##### B2.- Layers and Breeders:

- Vaccination at 12-15 days of age.
- Revaccination at 6-7 weeks of age.

- If the number of birds does not coincide with the number of doses of available vials, an overdose should be administered, never administer less than the recommended dosage.

### WITHDRAWAL PERIOD:

0 days.

### OBSERVATIONS:

- The veterinary surgeon will establish the most suitable vaccination programme according to the health conditions of each farm and area.

- To ensure that vaccine water is ingested within a ½ or 1 hour at most, it is advisable not to administer water to animals for one hour before vaccination in the summer and for 2 hours in winter.

### SPECIAL PRECAUTIONS:

- Shake gently until complete resuspension of the freeze-dried tablet before administration.

- In case of administration by oral route, do not use water with chlorine or disinfectants.

- Spray administration requires the use of protective mask and glasses.

- Store at +2 to +8 °C, protected from light.

- Once used, sterilize the vial and its content by heat.

### PRESENTATION:

Pack with 10 vials of 200 ds.

Pack with 10 vials of 500 ds.

Pack with 10 vials of 1,000 ds.

Pack with 10 vials of 2,500 ds.

Pack with 10 vials of 5,000 ds.

Reg. n° FP-VAC-LI-95-039-01  
Under veterinary prescription

FOR VETERINARY USE ONLY



LABORATORIOS HIPRA, S.A. Avda. la Selva, 135 . 17170 Amer (Girona) Spain

Tel. (34) 972 43 06 60. Fax (34) 972 43 06 61. hipra@hipra.com