

HIPRAVIAR B1/H120

Live vaccine against Newcastle disease, B1 strain, and Infectious bronchitis, H120 strain

QUALITATIVE AND QUANTITATIVE COMPOSITION OF THE ACTIVE SUBSTANCE:

One dose (0.03 ml) contains:

Live Newcastle Virus, strain B1: $10^{6.5}$ - $10^{7.8}$ EID₅₀*

Live Infectious Bronchitis Virus, strain Mass H120: 10^3 - 10^5 EID₅₀*

* 50% infective dose in chicken embryos.

INDICATIONS FOR USE:

To prevent Newcastle Disease and Infectious Bronchitis.

CONTRA-INDICATIONS:

None has been described.

ADVERSE REACTIONS:

None has been described.

TARGET SPECIES:

Poultry.

DOSAGE FOR EACH SPECIES, ROUTE AND METHOD OF ADMINISTRATION:

Poultry: 1 dose/bird.

Ocular-nasal oral or spray.

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

ADVICE ON CORRECT ADMINISTRATION:

Ocular-nasal: For obtaining 1,000 doses, mix the 32 ml of the solvent with the freeze-dried tablet using the delivered decanted and gently stir, assuring a complete reconstitution of the freeze-dried before administration. Administer one drop of the vaccine (0.03 ml) per bird, in the eye or nostril, using a standard dropper.

Oral: Dissolve the freeze-dried tablet by filling the vial 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

Avoid high temperatures of water were the freeze-dried tablet is diluted.

To assure that vaccine water is ingested within 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.

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

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. The following volumes are approximate:

No. of doses	1-day-old chicks (large drops)	Older birds (fine drops)
1,000	200-250 ml	500-1,000 ml

When administering the vaccine by spray, it is advisable to use course spray (between 100 and 200 microns) for first vaccinations. For revaccinations, finer droplets can be applied (equal or smaller than 100 microns).

WITHDRAWAL PERIOD:

0 days.

SPECIAL PRECAUTIONS FOR STORAGE:

Keep out of the reach and sight of children.

Store and transport refrigerated (+2 to +8 °C).

Do not freeze. Protect from light.

SPECIAL WARNINGS:

Special warnings for each target species

Vaccinate only healthy animals.

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.

Birds can be vaccinated 1 day after hatching, if they are placed into an endemic area of Newcastle disease.

Special precautions for use in animals

Check the shelf life of the product.

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

Spray administration requires the use of protective mask and glasses.

Use during pregnancy, lactation or lay

Do not use during the laying period.

Interactions with other vaccines and medicinal products when administered in combination with the product

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 or after any other veterinary medicinal product therefore needs to be made on a case by case basis.

Overdose

It causes no side effect.

Incompatibilities

In the absence of compatibility studies, do not mix with any other veterinary medicinal product.

SPECIAL PRECAUTIONS FOR THE DISPOSAL OF UNUSED MEDICINAL PRODUCT OR WASTE MATERIALS DERIVED FROM THE USE OF SUCH PRODUCTS:

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

OTHER INFORMATION:

Pack sizes:

Pack with 10 vials of 1,000 doses.

Pack with 10 vials of 2,500 doses.

Pack with 10 vials of solvent of 1,000 doses.

Not all pack sizes may be marketed.

Reg. nº 5/5/10/1149
Under veterinary prescription

FOR VETERINARY USE ONLY



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