



**NEWCASTLE DISEASE AND INCLUSION BODY HEPATITIS / HYDROPERICARDIUM SYNDROME  
VACCINE, INACTIVATED  
DIRECTIONS FOR USE**

**DESCRIPTION**

Newcastle Disease (ND) and Inclusion Body Hepatitis (IBH) / Hydropericardium Syndrome (HPS) Vaccine, inactivated (combined), is an "off white" coloured emulsified suspension of highly immunogenic strains of ND and IBH/HPS strains, chemically inactivated and oil adjuvanted to get stable emulsion. Selection of highly immunogenic strains for vaccine preparation confers protection to the birds against both, ND and IBH/HPS infections.

The product meets all rigid quality control standards of purity, safety, and potency.

**INDICATIONS**

The vaccine is recommended for active immunization of birds against both ND and IBH/HPS infections. A dose of vaccine contains high titred inactivated viral antigen, which induce effective immune response.

**DOSAGE FORM**

Each dose of vaccine contains greater than  $10^8$  EID<sub>50</sub> for ND and  $10^5$  CID<sub>50</sub> for IBH/HPS, prior to inactivation.

**DOSAGE**

Dose per bird ..... 0.5 ml

**ADMINISTRATION**

Shake vaccine bottle well before and during use. Use 20 gauge / 21 gauge needle and automatic syringe, to inject 0.5 ml of vaccine, preferably by subcutaneous route in the lower half of the neck under the loose skin at the point midway between the bird's head and base of the neck, the needle pointing away from the bird's head; or intramuscularly in the breast muscle. Vaccinate using aseptic techniques.

**CONTRA-INDICATION**

This vaccine is not recommended for those birds, which are clinically sick or severely debilitated, or under conditions of severe stress and strain.

**GENERAL RECOMMENDED SCHEDULE OF VACCINATION**

The vaccine is developed for controlling ND and IBH infections in chicks, in early age in endemic areas and breeder birds, for developing better immunity and transfer of maternal antibodies to the progeny. The Vaccine is to be given at "PreLay" stage between 14-16 week of age followed by booster vaccination between 17-20 week of age in broiler breeders. Midlay vaccination (35-40 weeks of age) with this vaccine will keep the progeny of the vaccinated broiler breeders protected against both ND and IBH infections through out the productive life.

**SHELF LIFE**

Vaccine when stored at recommended conditions has shelf life of 12 months, which is indicated as an expiry date on the label.

**STORAGE AND SHIPPING**

Vaccine should be stored at +2°C to +8°C in a dark place preferably in the cold room and transported in cold chain system. Do not freeze the vaccine. The pre-chilled vaccine should be transported in thermocole boxes.

**PRESENTATION**

Bottle of 500 ml capacity each, containing Newcastle Disease and IBH/HPS vaccine of 1000 doses as specified on the vaccine bottle label.

**WARNINGS**

- Consult the Veterinarians / Poultry experts regarding vaccination schedule and use of the vaccine.
- This product should be stored, transported, and administered in accordance with the instructions and directions of the manufacturer.
- Bring the vaccine bottle to room temperature.
- Shake vaccine bottle well before and during use.
- Do not use unsterile vaccination equipment.
- Use entire contents when first opened.
- Chemical disinfectants should not be used for sterilization.
- Always vaccinate the healthy birds and keep the vaccinated birds comfortable by providing adequate heat, feed, water, and good ventilation.
- This vaccine is not recommended for the birds that are clinically sick or severely debilitated or under conditions of severe stress and strain.
- If accidentally injected in to human being urgent medical attention is required.
- Burn and destroy the used containers along with the leftover vaccine.



For further information on the vaccine please contact

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