

324159-01



Marek's Disease-Newcastle Disease Vaccine, Serotype 3, Live Marek's Disease vector vaccine

INNOVAX™-ND

NOT FOR HUMAN USE FOR ANIMAL TREATMENT ONLY

**WARNING: To be sold by retail on the prescription
of a Veterinary Doctor only.**

DESCRIPTION:

Innovax™ - ND is a frozen, cell associated live virus vaccine that contains the recombinant serotype 3 HVT/NDV-F strain contains the fusion (F) genes from NDV.

COMPOSITION:

Innovax™ - ND is a live cell associated vaccine against Marek's disease and New castle disease in poultry containing Live Herpes virus of turkey strain HVT/NDV-F. Each dose contains at least 1810 PFU per bird.

INDICATION(S):

The vaccine is recommended for the vaccination of healthy 18 day-old chicken embryos by the *in-ovo* route or for one-day-old chicken by the subcutaneous route as an aid in the prevention of Marek's Disease and Newcastle disease

DOSAGE FOR EACH SPECIES:

Each bird should receive one dose of vaccine.

ADVICE ON CORRECT ADMINISTRATION:

Single vaccination with one dose per bird/egg.

Preparation of vaccine

Sterilize vaccinating equipment by boiling in water for 20 minutes or by autoclaving (15 minutes at 121°C).

Do not use chemical disinfectants:

1. Use CA diluent for reconstitution of the single or combined Cell associated Marek's vaccines. For subcutaneous injection, use 200ml CA diluent for each 1000doses of vaccine to inject 0.2 ml per chicken. For *in-ovo* vaccination of eggs use 500ml CA diluent for each 10,000 doses of vaccine to inject 0.05ml per egg. The diluent must be clear, red colored, without sediment and at room temperature (15-20°C) at the time of mixing.
2. Before withdrawing vaccine from the liquid nitrogen container, protect hands with gloves, wear long sleeves and use a facemask or goggles. When removing an ampoule from the strip, hold palm of gloved hand away from body and face.
3. When withdrawing a strip of ampoules from the canister in the liquid nitrogen container, expose only the ampoule(s) to be used immediately. We recommend handling only a maximum of 5 ampoules (one strip) at a time. After removing the ampoule(s), remaining ampoule should be replaced immediately in the canister of the liquid nitrogen container.
4. The content of the ampoule(s) is thawed rapidly by immersing in clean water at 25°C-27°C. Gently swirl the ampoule(s) to disperse contents. It is important that the vaccine, after being thawed, is mixed as soon as possible into the diluent to protect the cells. Dry the ampoule, and then break the ampoule into a sterile syringe, mounted with an 18 gauge needle.
5. Gently draw the contents of the ampoule into a sterile syringe, mounted with an 18 gauge needle.
6. Insert the needle through the stopper of the diluent bag and add slowly and gently the content of the syringe to the diluent. Gently swirl and invert the bag to mix the vaccine. Withdraw a portion of the diluent into the syringe to rinse the ampoule. Remove the washing from the ampoule and inject gently to the diluent bag. Remove the syringe and invert the bag (6-8 times) to mix the vaccine.
7. The vaccine is now ready to use.

METHOD OF VACCINATION:

The vaccine is applied by injection. For subcutaneous vaccination 0.2ml is injected per chicken in the neck. For *in-ovo* vaccination eggs are injected at the 18th day of the embryo development using 0.05ml per egg.

The bag of vaccine should be gently swirled frequently during vaccination. It should be stored on crushed ice if not used immediately. Entire contents of the bag must be used within two hours after mixing. After that any remaining vaccine should be discarded.

CONTRA-INDICATIONS:

Do not vaccinate clinically ill or stressed birds.

WITHDRAWAL PERIOD:

21 days

SPECIAL STORAGE CONDITIONS, IF ANY:

AMPOULES – Store in a filled liquid nitrogen container (<100°C)

DILUENT – Store at room temperature (15°C-25°C)

CONTAINER – Store liquid nitrogen container securely in upright position in a clean, dry and well-ventilated room separated from the hatching/chicken room in hatchery.

SPECIAL WARNING IF NECESSARY:

1. Do not mix any substance with this vaccine.
2. Burn the ampoules and unused things.
3. Keep vaccine ampoule frozen in liquid nitrogen until ready to vaccinate.
4. Do not use vaccine that has been thawed other than immediately before use. To allow a check on correct storage and transport the ampoules are placed upside down in the liquid nitrogen containers. If frozen vaccine is situated in the tip of the ampoule this indicates that the vaccine has been thawed and must not be used.
5. No other information is available on the safety and efficacy from the concurrent use with other vaccines, except Intervet Nobilis Rismavac (Rispons CV1988), Nobilis NDC2, Nobilis ND Clone30, or Bursal disease vaccine 89/03.

Do not use in conjunction with another vaccine containing a classical HVT strain or any other HVT recombinant vaccine.

SPECIAL PRECAUTIONS TO BE TAKEN BY THE PERSON ADMINISTERING THE VETERINARY MEDICINAL PRODUCT TO ANIMALS:

Liquid nitrogen container and vaccine should be handled only by properly trained personnel, taking into consideration the safety precautions for handling liquid nitrogen and materials at very low temperature. Care should be taken to prevent contaminating your hands, eyes and clothing with the vaccine.

SHELF LIFE:

18 months

PRESENTATION(S):

Type I cryogenic ampoules containing the cell suspension. The ampoules are flame sealed. Ampoules contain 1000, 2000, 3000, 4000 and 5000 doses.

Manufactured by:

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VLN 165A/PCN 16N1.R0

Imported & Marketed by:

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