For in ovo vaccination of 18 day old chicken embryos and subcutaneous vaccination of day old chickens to provide protection against Marek’s disease, Newcastle disease, standard and variant infectious bursal disease.

ADVANTAGES:
• Provides protection for virulent ND, IBD and Marek’s disease
• Offers effective protection in the face of ND virus maternal antibodies
• Replaces a conventional live ND vaccination program in the absence of exotic ND
• Removes the potential for respiratory reactions due to live ND vaccines
• No vaccine reactions observed in safety trials for improved bird performance
• Offers flexible administration via in ovo or subcutaneous injection to fit any vaccination schedule
• Shown to be effective against standard and variant infectious bursal disease challenge

Innovax®-ND-IBD is a frozen, live, cell-associated Marek’s, ND and IBD vaccine. It provides proven protection against Marek’s, virulent ND virus, and both standard and variant strains of IBD. It is approved for in ovo injection of 18 day embryonated eggs and subcutaneous vaccination of day old chickens.

4,000 dose ampules

*Data on file, Merck Animal Health
Preparation of Vaccine

CAUTION: READ ABOVE SAFETY PRECAUTIONS ON HANDLING VACCINE AMPULES. AMPULES HAVE BEEN KNOWN TO EXPLODE ON SUDDEN TEMPERATURE CHANGES. DO NOT THAW IN HOT OR ICE COLD WATER. STERILIZE VACCINATING EQUIPMENT BY BOILING IN WATER FOR 30 MINUTES OR BY AUTOCLAVING 20 MINUTES AT 121°C (250°F). DO NOT USE CHEMICAL DISINFECTANTS.

1. Before withdrawing vaccine from liquid nitrogen canister, protect hands with gloves, wear long sleeves and use a facemask or goggles. It is possible an accident could occur with either the liquid nitrogen or the ampules of vaccine. When removing an ampule from the can, hold palm of gloved hand away from body and face.
2. When withdrawing a cane of ampules from canister in liquid nitrogen container, expose only the ampule to be used immediately. We recommend handling only one ampule at a time. After removing the ampule from the cane, the remaining ampules should be replaced immediately in the canister of the liquid nitrogen container.
3. The contents of the ampule are thawed rapidly by immersing in a container of clean water at a temperature range of 20-30°C (68-86°F). Gently swirl the ampule to disperse contents. Then break ampule at its neck and immediately proceed as below.

Method of Vaccination

IN OVO ADMINISTRATION:

1. Incubate each 18-day-old chicken embryo with a full dose (0.05 ml or 0.1ml).
2. Entire contents of container must be used within 1 hour after mixing or be discarded according to caution statement No. 11.
3. After reconstitution, the vaccine should be kept cool and gently agitated frequently.

SUBCUTANEOUS ADMINISTRATION:

1. Hold the chicken by the back of the neck just below the head. The loose skin in the area is raised by gently pinching with the thumb and forefinger. Insert the needle beneath the skin in a downward direction away from the head. Inject 0.2 ml per chicken.
2. Avoid hitting the muscles and bones in the neck.
3. Entire contents of container must be used within 1 hour after mixing or be discarded according to caution statement No. 11.

 notice:

This vaccine has undergone rigid potency, safety and purity tests, and meets Internet Inc., U.S. and local regulatory requirements. It is designed to stimulate effective immunity when used as directed, but the user must be advised that the response to the product depends upon many factors, including, but not limited to: conditions of storage and handling by the user, administration of the vaccine, health and responsiveness of the individual chickens, and the degree of field exposure.

MAPS IN AND OUT. (Serotype 3, Live Marek’s Disease Vector)

For Animal Use Only.

Description

This vaccine is a frozen, cell associated, live virus vaccine that contains the recombinant serotype 3 turkey herpesvirus with the F gene from Newcastle disease virus and with the VP2 gene from infectious bursal disease virus. The vaccine is packaged in glass ampules and supplied with diluent packaged in a separate container. The vaccine ampules are inserted in metal canses, stored and shipped in a liquid nitrogen container.

Indications for Use

This vaccine has been shown to be effective for the vaccination of healthy 18 day-old chicken embryos or one-day-old chickens against Marek’s disease, Newcastle disease, standard and variant infectious bursal disease. Duration of immunity has not been established. For more information regarding efficacy and safety data, go to productdata appré inde.gov.

Important: Storage Conditions

AMPULES – Store in liquid nitrogen container.

DILUENT - Do not freeze.

CONTAINER – Store liquid nitrogen container securely in upright position in a dry, well ventilated area and away from incubator intakes and chicken boxes.

Safety Precautions

Liquid nitrogen container and vaccine should be handled only by properly trained personnel who are thoroughly conversant with the Union Carbide publication and instruction booklet regarding the use of, precautions and safe practices for liquefied atmospheric gases (particularly liquid nitrogen). When removing ampule cane, handling frozen ampules, or adding liquid nitrogen, wear long sleeves, a plastic face shield and gloves to protect the skin from contact with the liquid nitrogen. All storage and handling of the liquid nitrogen container must be in a dry, ventilated area. Do not inhale liquid nitrogen vapors. If drowsiness occurs, get fresh air quickly; then ventilate entire area. If breathing difficulty occurs, apply artificial respiration. If any of these difficulties persist or there is a loss of consciousness, summon a physician immediately.

Care should be exercised to prevent contaminating your hands, eyes and clothing with either the liquid nitrogen or the ampules of vaccine. When removing an ampule from the cane, hold palm of gloved hand away from body and face.

Method of Vaccination

IN OVO ADMINISTRATION:

1. Inoculate each 18-day-old chicken embryo with a full dose (0.05 ml or 0.1ml).
2. Entire contents of container must be used within 1 hour after mixing or be discarded according to caution statement No. 11.
3. After reconstitution, the vaccine should be kept cool and gently agitated frequently.

SUBCUTANEOUS ADMINISTRATION:

1. Hold the chicken by the back of the neck just below the head. The loose skin in the area is raised by gently pinching with the thumb and forefinger. Insert the needle beneath the skin in a downward direction away from the head. Inject 0.2 ml per chicken.
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Records

Keep a record of vaccine, quantity, serial number, expiration date, and place of purchase; the date and time of vaccination; the number, age, breed, and locations of chickens; names of operators performing the vaccination and any observed reactions.

STORE VACCINE IN LIQUID NITROGEN.

Contact our sales or technical services representatives to help design a custom vaccination program.

Warning

Good management practices are recommended to reduce exposure to Marek’s disease and bursal disease for at least three weeks following vaccination. Therefore, directions should be followed carefully.

1. Do not mix any substance with this vaccine. Do not mix with other products, except as specified on this label.
2. Store vaccine in liquid nitrogen at a temperature below -150°C (-238°F).
3. Gloves and visor should be worn when handling liquid nitrogen.
4. ONCE THAWED, THE PRODUCT SHOULD NOT BE REFREEZED.
5. Do not dilute or otherwise stretch the dosage of this vaccine.
6. Once mixed with diluent, the vaccine should be gently agitated frequently.
7. Once mixed with diluent, the vaccine should be used within 1 hour.
8. Only healthy chicken embryos or chickens should be vaccinated.
9. Do not vaccinate within 21 days before slaughter.
10. This vaccine contains gentamicin as a preservative.
11. Inactivate unused contents before disposal.
12. In case of human exposure, contact a physician.
13. FOR ANIMAL USE ONLY.