



Live vector frozen vaccine

**For in ovo and subcutaneous administration
For the active immunization of chickens
against Newcastle Disease and Marek's Disease**



► COMPOSITION

VECTORMUNE® ND + RISPENS contains a genetically engineered Marek's Disease vaccine of serotype 3 (turkey Herpesvirus or HVT) expressing key protective antigens of Newcastle Disease virus and a serotype 1 (Rispens) Marek's Disease virus. The bivalent vaccine is presented in a frozen cell-associated form.

► INDICATIONS

VECTORMUNE® ND + RISPENS is recommended for use in healthy one day old chicks or in 18 to 19-day-old embryonated chicken eggs as an aid in the prevention of Newcastle Disease and Marek's Disease caused by very virulent Marek's Disease.

► ADMINISTRATION AND DOSAGE

Prior to use, the vaccine must be thawed and diluted appropriately with the vaccine diluent as stated in the package insert. Immediately use the vaccine and mix occasionally to ensure uniform suspension of cells.

For *in ovo* administration, embryos are inoculated with one full dose of vaccine (0.05 ml or 0.1 ml)

For day-old vaccination, one-day-old chicks are subcutaneously vaccinated with one full dose of vaccine (in 0.2 ml of diluent / dose) in the back of the neck.

► STORAGE

Store this vaccine in liquid nitrogen.

► PACKAGED

1,000; 2,000 and 4,000 dose ampoules

Patent Numbers: U.S. 6632664, U.S. 5310678 and U.S. 6866852)