

Nobilis® Gumboro + ND



Vaccine	Nobilis® Gumboro + ND is a combined inactivated vaccine against Infectious Bursal Disease (IBD) and Newcastle Disease (ND)
Target Species	Chicken Breeders
Composition	Active Components: Inactivated IBD virus (Strain D78) inducing $\geq 14.5 \log_2$ VN units per dose and Inactivated ND virus Clone 30 inducing $\geq 4 \log_2$ HI units per 1/50th dose or containing ≥ 50 PD50 units per dose
Formulation	Oil adjuvant emulsion
Indications	For the booster vaccination of breeders against IBD in order to protect the offspring against IBD virus and for booster vaccination of breeders against ND to protect against sickness and death caused by ND in early mid lay.
Disease	In Australia the subclinical form of IBD, causing immune suppression due to damage to the Bursa of Fabricius, occurs. Increased susceptibility to other diseases, poor response to vaccinations, decreased weight gains and higher feed conversions can result. ND is caused by a paramyxovirus. ND is highly contagious through infected droppings and respiratory discharge between birds. The incubation period is variable but usually 3-6 days. Virulent forms of ND cause high mortality with depression and death in 3-5 days as major signs. Laboured breathing with wheezing and gurgling accompanied by nervous signs, such as paralysis or twisted necks, also can occur. Egg production can decrease by 30-50%.
Dosage	0.5 mL per dose
Vaccination	Replacement breeders should be vaccinated intramuscularly or subcutaneously with Gumboro + ND vaccine at approximately 14-18 weeks of age, but not less than 4 weeks before the expected onset of lay. For optimal booster effect, the breeders must be primed with live vaccines against ND and IBD at least 6 weeks previously.
Method of Administration	Allow the vaccine to reach ambient temperature (15-25°C) before use. Shake the bottle well before and during use. Inject 0.5 mL of vaccine intramuscularly in the thigh or breast muscle or subcutaneously into the lower part of the neck. Use the entire contents of a bottle within 3 hours.
Withholding Period	NIL
Presentation	Bottles containing 500 mL of vaccine sufficient for 1000 doses.
Storage	Store between 2°C and 8°C (Refrigerate. DO NOT FREEZE).
Restraints	Do not mix with other vaccines
Disposal	Dispose of empty containers by wrapping with paper and putting in garbage. Discarded needles/sharps should be placed in a designated and appropriately labelled 'sharps' container.
Safety Instructions	Should a vaccinator by accident inject him/herself or a bystander, a local reaction may occur. It is recommended the advice of a doctor be sought immediately, taking care to inform the doctor that the vaccine is a water-in-oil emulsion. Provide this leaflet or a Safety Data Sheet to the doctor.

Further information is available on request

Intervet Australia Pty Ltd (trading as MSD Animal Health)
Level 1-Building A, 26 Talavera Road, Macquarie Park, NSW 2113
Free Call: 1800 033 461 www.msd-animal-health.com.au

