

Nobilis® IB



Vaccine	Nobilis® IB vaccine is a live attenuated vaccine against Infectious Bronchitis (IB) disease
Target Species	Chicken Broilers, Breeders and Egg Layers
Composition	Active Components: Living, attenuated strain 1/197/A IB vaccine with $\geq 10^3$ EID ₅₀ per dose
Formulation	Freeze-dried pellet
Indications	For the prevention of Infectious Bronchitis disease.
Disease	IB virus can cause respiratory tract disease, kidney damage (nephrosis-nephritis), wet droppings, reduced hatchability, egg production drops, egg-shell quality problems (thin, soft, misshapen, rough and pale-shelled eggs) and watery egg whites. Economic loss occurs due to elevated mortality and cull rates, decreased egg numbers, downgrading of table eggs, lowered hatchability of breeder eggs and increased medication costs. ¹
Dosage	One dose per bird
Vaccination	Spray vaccination in the hatchery or vaccination in drinking water
Method of Administration	Spray Vaccination in the Hatchery (recommended) <ul style="list-style-type: none">For each 5000 doses of vaccine reconstituted in 5 mL of distilled water, dilute into 250 mL of skim milk powder and gently mix.Spray the vaccine onto day-old chicks so that 250 mL of diluted vaccine is used for 5000 chicks. Drinking Water Vaccination <ul style="list-style-type: none">Remove the birds' drinking water about 30 minutes prior to vaccination.Rehydrate and dilute the vaccine with a 1.5-2.5% w/v solution of non-fat skim milk powder in water to neutralise residual chlorine in tap water.Pour the reconstituted vaccine into the birds' drinking water. The aim is to supply at least 30 minutes drinking time (but no more than 2 hours) to all birds.
Withholding Period	Zero (0) days
Presentation	Boxes of 50 vials containing 5000 or 10,000 doses.
Storage	Store below -5°C (freeze).
Contraindications	None
Disposal	Dispose of empty container by wrapping with paper and putting in garbage. Unused product should be disposed of into an effluent handling system (eg. septic tank). Discarded needle/sharps should immediately be placed in a designated and appropriately labelled 'sharps' container.
Safety Instructions	Wear chemical safety goggles, plastic gloves and a mist spray filter if administering by spray vaccination if an enclosed spray cabinet is not used. Additional information is contained in the Material Safety Data Sheet.

1. Jackwood, M. and deWitt, S. (2013) In Diseases of Poultry 13th Ed. pp 139-159

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