

FOR ANIMAL TREATMENT ONLY

Nobilis[®] IB Vaccine

ACTIVE CONSTITUENT:

Infectious Bronchitis Virus, living, attenuated (Ref. 1/197/A).

Minimum titre at end of shelf life: 10^{3.0} EID₅₀ per dose. Preservatives: Nil

For the prevention of Infectious Bronchitis disease in chickens, by administration at day-old to chickens hatched from parent stock which have been vaccinated against Infectious Bronchitis.

DIRECTIONS FOR USE:

Precautions:

** It is recommended that the vaccine be diluted in 1.5-2.5% w/v non-fat skim milk powder in water, in order to neutralise any residual chlorine in the tap water. Any chlorine present could be harmful to the vaccine virus. Higher concentrations of powder will not affect the vaccine but could cause difficulties with administration.*

Reconstitution of Vaccine:

- 1) Contains 4.5 mL of lyophilised vaccine per vial - equivalent to doses indicated on the front of this pack.
- 2) For each vial of vaccine, prepare a sterile 5 mL syringe with one 18G x 35 mm needle attached.
- 3) The vaccine is rehydrated and diluted with a 1.5-2.5% w/v solution of non-fat skim milk powder in water.
- 4) Wipe vial dry and remove cap and plug.
- 5) Using the syringe, draw up 4.5 mL of the skim milk solution and transfer it immediately into the vaccine vial. Gently agitate the fluid in the vial until the entire pellet is fully dissolved and the vaccine is a uniform suspension.

- 6) The vaccine may now be administered in either of two ways (Spray or Drinking Water).

Dosage and Administration:

USE ALL PRODUCT WITHIN 30 MINUTES OF RECONSTITUTION.

Do not attempt to refreeze or reuse unused vaccine at a later time. Keep reconstituted product out of direct sunlight. Do not heat in any way.

Spray Vaccination (Recommended):

NB: All utensils should be clean and free of toxic agents such as petroleum products etc.

- 1) Transfer all the reconstituted vaccine to the spray bottle cabinet. For each 5,000 doses of vaccine, dilute to 250 mL with the skim milk solution and gently mix.
- 2) Spray the vaccine onto day-old chickens in chick boxes.
- 3) Continue to spray until all the vaccine is used.

Drinking Water Vaccination:

- 1) Remove the birds' drinking water about 30 minutes prior to vaccination.
- 2) Then pour the reconstituted vaccine (5, above) into the birds' drinking water.

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The aim is to supply at least thirty minutes drinking (but no more than two hours) to all birds. This is dependent upon climate but, as a guide, 5 litres of prepared vaccine per 5,000 day-old chickens per hour at 36°C.

WITHHOLDING PERIOD: Zero (0) days

TRADE ADVICE:

EXPORT SLAUGHTER INTERVAL (ESI): ESI is not required.

SAFETY DIRECTIONS:

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.

FIRST AID:

If poisoning occurs, contact a doctor or Poisons Information Centre. Phone Australia 13 11 26.

DISPOSAL:

Dispose of empty container by wrapping in paper and putting in garbage. Unused product should be disposed of into an effluent handling system (e.g. septic tank). Discarded needles / sharps should immediately be placed in a designated and appropriately labelled 'sharps' container.

STORAGE:

Protect from light. Store below -18°C (deep freeze). Correct storage of this

vaccine is essential to ensure it is potent at the time of use. Store the vaccine vials in a deep freeze or the freezing compartment of the refrigerator. Place the vaccine in a cool box with ice on removal from the deep freeze until ready to reconstitute for use.

WARRANTY:

Intervet Australia Pty Limited (IAPL) also known as MSD Animal Health, warrants that this product is of merchantable quality and fit for its intended purpose. IAPL's liability for any loss, including consequential losses or injury caused by act or omission, including negligent acts or omissions, by IAPL or its agent, is limited to replacing or repairing the product at the option of IAPL. If possible, a sample of any product causing concern should be retained or delivered to IAPL within 30 days for a scientific examination.

APVMA Approval No.: 35759/56482

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