



VIR 117

INDICATIONS

A live freeze-dried vaccine for the active immunization of healthy chickens (broilers, replacement pullets and future breeders) as an aid to protect them against challenge with 793-B like avian Infectious Bronchitis virus and serologically related types.

COMPOSITION

Each vial contains Infectious Bronchitis, live attenuated virus 317 strain (Var I) of SPF-egg origin. The minimum antigenic titre per dose is $10^{3.6}$ EID₅₀.

STORAGE

Store and transport refrigerated (2 - 8 °C). Protect from light.

Do not freeze.

Do not use this veterinary vaccine after the expiry date which is stated on the container label.

WARNINGS

- **Withdrawal period:** None.
- Vaccinate healthy chickens only.
- Keep vaccination records including vaccine batch number.
- In case of accidental ingestion, seek medical advice immediately and show the package insert to the physician.
- Keep out of reach of children, uninformed persons and animals.

For Animal Use Only

PRECAUTIONS

- Vaccine is intended to protect chickens against 793B - like (Var I) Infectious Bronchitis virus and serologically related types.
- Ensure all vaccination equipment (containers, droppers, spraying devices etc.) is carefully cleaned and is free of detergents and disinfectants.
- Do not use disinfectants or antiseptics to sterilise any equipment.
- Avoid contact of the product with skin, eyes and mouth.
- Do not eat, drink or smoke whilst handling the product.
- Wash hands with antibacterial soap or disinfectant after handling the vaccine.
- Use entire contents when reconstituted within 2 hours and do not store unused vaccine for later use.
- Adhere to the vaccination programme to obtain optimum results.
- Destroy any unused vaccine and dispose of all the vaccine containers and disposable equipment after use in accordance with national environmental requirements.
- Do not contaminate rivers, dams or any water sources with containers or waste.

DIRECTIONS FOR USE – Use only as directed.

The duration of immunity resulting from the use of this vaccine is not permanent, therefore, revaccinations are necessary. The vaccine is recommended for administration as a coarse spray or as an eye drop.

Broilers: The vaccine can be administered to 1-day-old chicks and older chickens by coarse spray or by ocular administration.

Future layers or breeders: The vaccine can be administered to future layers and breeders from day old onwards via ocular route or coarse spray.

Preparation

All equipment used for vaccination should be carefully cleaned and be free of detergents and disinfectants.

Reconstitute the vaccine by drawing 5 ml of cool distilled or alternatively non-chlorinated cool water in a sterile syringe and then transferring this water in the freeze-dried vaccine vial.

Allow the vaccine pellet to dissolve completely, gently shake the vaccine vial and then transfer it to a container with cool and clean water.

Rinse the vaccine vial twice.

Mix the water containing the vaccine well before use.

Use reconstituted vaccine immediately.

The volume of the water for reconstitution should be sufficient to ensure even distribution when sprayed onto the chickens.

Administration by coarse spray

Ensure spraying equipment is clean and without traces of disinfectants.

The capacity of the spraying device should be checked before vaccination.

Prepare for each 1000 doses, 200-300 ml of cooled, fresh, distilled water. Add the vaccine solution to the reservoir on the machine.

The volume of the water for reconstitution should be sufficient to ensure an even distribution when sprayed onto the birds. This will vary according to the age of the birds being vaccinated.

Group birds together by dimming lights, closing the ventilation system during spray administration.

Direct the stream from the sprayer over the heads of the birds, 30-40 cm above.

Droplets of average diameter 50-80 µm are ideal as they facilitate even coverage of birds.

Administration by eye drop

Dissolve the vaccine in physiological saline solution or clean, cool, non-chlorinated water (usually 40 ml per 1,000 doses) and administer by means of a suitable standardized dropper. Administer one drop (0.04 ml) of vaccine into the open eye of each bird. Hold the chicken to be vaccinated with the head tilted to one side, giving clear access to one of the eyes.

Hold the plastic bottle containing the vaccine in a vertical position. Gently press the sides of the bottle, releasing one drop of vaccine onto the eye of the chicken. Be sure the vaccine spreads across the surface of the eye. Do not touch the chicken's eye with the dropper tip. There is usually an automatic reflex action that serves to spread the vaccine over the eye surface as soon as the vaccine is dropped onto the eye. Do not release the chicken until a swallowing motion has been observed.

PRESENTATION

Glass vials containing 1,000, 2,500, 5,000 or 10,000 doses.

Ten vials per carton box with a package insert.

No eye drop diluent provided.

Not all pack sizes may be marketed.

0500236-01 **Manufacturer and registration holder:**

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