

FOR ANIMAL TREATMENT ONLY

Protech® BB



Bordetella bronchiseptica Killed Vaccine

Composition

An inactivated vaccine prepared from a cell-free extract of *Bordetella bronchiseptica* (20 µg/mL). An aluminium salt is included to enhance the response to vaccination and to increase the duration of immunity. Thiomersal 0.1 mg/mL is added as a preservative.

Indication

The vaccine is used for the immunisation of dogs against colonisation of the upper and lower respiratory tract, nose and throat with *Bordetella bronchiseptica*.

Directions for Use

To be used by, or under the direction of a registered veterinary surgeon.

Contents must be left in outer package until immediately before use.

Shake gently before use.

Precautions

Protech® BB should not be used in dogs when they are:

- 1. Incubating an infectious disease**
- 2. Seriously debilitated by another infectious disease, parasitic infestation or malnutrition; or**
- 3. Under treatment with immunosuppressive drugs.**

Side Effects

As Protech® BB is an inactivated vaccine, untoward systemic effects are uncommon and the vaccine may be used in pregnant bitches. Careful palpation of the site of injection may reveal a small fibrous nodule in some dogs about a week after vaccination. This nodule will regress, becoming impalpable within two to six weeks. In a very few small, smooth-coated dogs a nodule may be visible for a limited period.

Some animals may show transient post-vaccination reactions including injection site pain, lethargy and/or vomiting.

Systemic allergic reactions such as anaphylaxis are thought to occur rarely with all vaccines and may require appropriate treatment. Systemic hypersensitivity reactions, mainly characterised by urticaria and facial oedema, have also been reported, particularly in animals receiving a second injection of Protech® BB 4 to 8 weeks after the first injection. Premedication with antihistamine may be indicated in animals at risk.

Dosage and Administration

The vaccine is injected subcutaneously. A 1 mL dose (one syringe) is recommended for dogs of all ages. Gentle massage at the site of injection will help to disperse the vaccine.

Protech® BB is an adjuvanted vaccine; there may be settling of the adjuvant after storage but the material is easily resuspended by inversion of the syringe.

Removal of Needle Cover

Do not attempt to screw off needle cover. Ease off by twisting syringe to and fro gently.

Indications for use

The vaccine is used for the immunisation of dogs against colonization of the upper and lower respiratory tract and the nose and throat with *Bordetella bronchiseptica*. It may be given alone or used as a diluent for other vaccines, such as Duramune Adult® C4 vaccine, Protech® C4 vaccine or Protech® Pi2 vaccine. For optimal effect on the incidence and transmission of infectious tracheobronchitis (canine cough) vaccination with a multi-component vaccine containing canine distemper virus, canine parainfluenza virus and canine adenovirus type 2 is recommended.

Vaccination Programs

For primary immunisation, puppies and dogs should be given two doses of vaccine with an interval of 4 weeks between doses.

The epidemiology of each disease, the persistence of maternal antibodies and the dog's history must all be considered when deciding on a vaccination program for a particular animal.

Annual booster vaccinations are recommended to maintain adequate immunity, and a booster is recommended before exposure to possible sources of infection, such as shows, boarding kennels or obedience classes, especially if more than six months has elapsed since the last dose of vaccine was administered.

Immunity develops about ten days to two weeks following the second dose of vaccine in sero-negative dogs.

This vaccine has been fully tested for sterility and safety before issue but it must be stressed that the correct vaccination procedure is equally important if secondary infection is to be prevented.

First Aid

If poisoning occurs, contact a doctor or Poisons Information Centre. Phone Australia 131126.

Additional User Safety

Take care to avoid self-injection. In the event of self-administration, seek medical attention if you are concerned and show the package leaflet or the label to the medical practitioner.

Disposal

Discarded syringes and needles should immediately be placed in a designated and appropriately labelled "sharps" container. Discarded syringes should immediately be placed in a designated and appropriately labelled "biologicals" container.

Storage

Store between 2-8°C. Do not freeze.
Protect from light.

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Please recycle leaflet, label, carton and/or tray only.

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