

150003-00

PRESCRIPTION ANIMAL REMEDY  
KEEP OUT OF REACH OF CHILDREN  
FOR ANIMAL TREATMENT ONLY

## Protech® Bronchi-Shield® I Boehringer Ingelheim

### Bordetella bronchiseptica Vaccine

For the active immunisation by intranasal inoculation of healthy dogs over 3 weeks of age as an aid in preventing canine cough caused by *Bordetella bronchiseptica*.

#### Composition

Each dose contains live avirulent *Bordetella bronchiseptica* (2x 10<sup>6</sup> CFU per dose).

#### Direction for Use

Vaccinate only healthy dogs, with normal temperatures

Dogs under treatment with immunosuppressive drugs should be vaccinated with caution

Dogs already being given antibacterial agents with activity against *B. bronchiseptica* should not be vaccinated since protection is dependent on the vaccine strain of *B. bronchiseptica* establishing itself in the respiratory tract

**DO NOT ADMINISTER THE VACCINE BY INJECTION - USE ONLY INTRANASALLY WITH THE APPLICATOR SUPPLIED**

Use of this vaccine in pregnant bitches is not recommended

Use all product within 20 minutes of reconstitution

#### Precautions and side effects

Transient coughing for one to two days and mild upper respiratory tract signs following vaccination may occur in a small percentage (less than 5%) of dogs a few days after vaccination. Support therapy may be indicated in such cases. In general, bearing in mind the mildness of such symptoms and the nature of the vaccine, antibacterial therapy is not advised.

Allergic reactions such as anaphylaxis occur rarely and may require parenteral treatment with an antihistamine, a corticosteroid or adrenalin as appropriate.

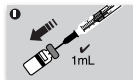
*Bordetella bronchiseptica* organisms of vaccine origin may be transmitted from vaccinated animals (up to six weeks following vaccination) to in-contact animals such as pregnant bitches, unhealthy pups and cats. Adequate precautions should be taken to avoid such exposure.

#### Administration

The specially designed intranasal applicator supplied with the vaccine fits on the hub of a standard 2 mL or 3 mL syringe. Use of this applicator simplifies intranasal administration of Protech Bronchi-Shield vaccines. A new sterile syringe must always be used to administer these vaccines. Do not use chemicals or disinfectants to sterilise the applicator, needle or syringes. Reconstitute the freeze-dried vaccine with sterile water for injection (Sterile Diluent; 1 mL per vial).

#### Preparation of vaccine

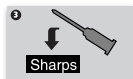
Using aseptic technique resuspend the vaccine with sterile water for injection.



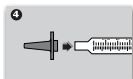
Withdraw the reconstituted vaccine from the vial into the syringe.



Remove the needle and dispose of safely.



Fit the special applicator supplied with the vaccine onto the syringe (containing 1 mL of reconstituted vaccine).



The dose is 0.5 mL INTRANASALLY into each nostril for all breeds of dogs over 3 weeks of age.

Hold the syringe fitted with the applicator as shown in figure 5. Syringe should be held in palm of hand with nozzle protruding between index and third fingers. These two fingers rest on the shoulder of the nozzle. Thumb, fourth and fifth finger should stabilise syringe in the hand. Base of plunger should rest against the proximal part of palm.



While standing in front of, or beside the dog hold the ventral muzzle of the dog with the other hand. With the head of the dog tilted slightly back insert tip of nozzle into nostril using index and third fingers to limit the length of nozzle inserted.



Squeeze index and third fingers to expel syringe contents into nostril.

Gently tickle the vaccine into the nostril. The rate of administration should be appropriate to the dog's temperament and disposition. A few dogs will sneeze as the vaccine runs along the nasal passages. This does not affect the efficacy of the vaccine.



#### Recommended Vaccination Plans

##### Routine vaccination

A single dose of Protech Bronchi-Shield I given to dogs over 7-8 weeks of age is recommended as part of the complete PROTECH canine vaccination program (please refer to the directions accompanying each type of vaccine for specific directions relating to that vaccine). This will protect against canine cough caused by *B. bronchiseptica*, for twelve months. Protech Bronchi-Shield I can also be given to dogs over 3 weeks of age but protection will be less than 12 months due to the presence of maternal antibodies at the time of vaccination.

An annual revaccination is recommended.

Some vaccinated animals may develop mild clinical signs following challenge.

##### Outbreak Control

Blanket vaccination of dogs over 3 weeks of age with Protech Bronchi-Shield I in an outbreak will markedly reduce the spread of canine cough caused by *B. bronchiseptica*, because of the rapid development of local immunity and the wide age range that will respond to vaccination.

##### User Safety:

**Self Injection:** Accidental self injection may lead to an inflammatory response and medical advice should be sought on the management of deep injections, particularly those near a joint or associated with bruising. If possible the application of gentle squeezing pressure with absorbent material (eg facial tissues) at the injection site will swab up unabsorbed vaccine. Strong squeezing of the site should be avoided. The damaged area should be thoroughly cleansed and a topical antiseptic applied.

##### First Aid

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

##### Disposal

Dispose of empty container by wrapping with paper and putting in garbage. Discarded syringes and needles should immediately be placed in a designated and appropriately labelled "sharps" container.

##### Storage

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

##### Packaging

Supplied as 25 vials of freeze dried vaccine packed with 25 specially designed applicators for intranasal administration and 25 vials of Sterile Diluent.

Distributed by

**Boehringer Ingelheim Pty Limited**  
Animal Health Division  
78 Waterloo Road  
North Ryde NSW 2113

APVMA No. 51823/55178

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150003-00

## Boehringer Ingelheim

Revision . . . . . 5  
Operator . . . . . hal  
Date . . . . . 09Jan12  
Art # . . . . . 150003-01  
Item # . . . . .  
Product . . . . . Protech Bronchi-Shield I  
Type/Size . . . . . Insert  
Template # . . . . . 545  
Dimensions . . . . . 3" x 11-1/2"  
(front & back)  
File Path . . . . . V1/BI Labeling  
PDF . . . . . 09Jan12 hal  
Rev Level . . . . . 00

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This file is 100% when printed on A4  
(or A3, as applicable)

**DIMENSIONS:** 76.2 mm x 292.1 mm

#### FONT SIZES:

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Truename: 9.3

Text: 8.3 pt