



Product Name: PROTECH C4  
APVMA Approval No: 51486/111239



Label Name:	PROTECH C4
Signal Headings:	PRESCRIPTION ANIMAL REMEDY KEEP OUT OF REACH OF CHILDREN FOR ANIMAL TREATMENT ONLY
Constituent Statements:	CANINE ADENOVIRUS TYPE 2 (10 <sup>3.62</sup> TCID <sub>50</sub> ) CANINE DISTEMPER VIRUS (10 <sup>2.9</sup> TCID <sub>50</sub> ) CANINE PARAINFLUENZA TYPE 2 (10 <sup>4.55</sup> TCID <sub>50</sub> ) CANINE PARVOVIRUS (CPV-2b strain 10 <sup>5.5</sup> TCID <sub>50</sub> )
Claims:	Live vaccine for the immunisation of healthy dogs, 6 weeks of age or older to protect against disease caused by canine distemper virus, canine adenovirus type 1, canine adenovirus type 2, canine parainfluenza virus and canine parvovirus. This vaccine provides cross protection against CPV-2a, CPV-2b, and CPV-2c. This vaccine prevents viral shedding caused by canine parvovirus infection. Early protection of puppies with final vaccination at 10 weeks.
Net Contents:	10x1mL 1mL 25x1mL
Directions for Use:	A new sterile syringe and needle should always be used to administer this vaccine. Reconstitute the freeze-dried Protech® vaccines with sterile water for injection (1 mL) or Protech® C2i vaccine. Do not use chemicals or disinfectants to sterilise the skin, needles or syringes. Inject subcutaneously within 20 minutes of reconstitution.
Precautions:	Vaccinate only healthy dogs with normal temperatures. Dogs under treatment with immunosuppressive drugs should not be vaccinated. The use of these vaccines in pregnant bitches is not recommended .
Side Effects:	Some animals may show transient post-vaccination pain, malaise and depression. Allergic reactions such as anaphylaxis occur rarely and may require parenteral treatment with an antihistamine, a corticosteroid or adrenalin as appropriate. Local site reactions after vaccination are rare but transient swelling, pain and subcutaneous

thickening have been reported.

Dosage and Administration:

First Aid Instructions:

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

First Aid Warnings:

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 vials should immediately be placed in a designated and appropriately labelled 'biologicals' container.

Storage:

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

## DOSAGE AND ADMINISTRATION.

### Recommended vaccination programs

In any population of dogs a very small proportion may fail to adequately respond to vaccination due to concurrent illness, stress, immunosuppression, genetic factors or the presence of maternal antibodies. The epidemiology of each disease, the likely persistence of maternal antibodies and the dog's history and environment should be considered when deciding on a suitable vaccination program for a particular animal.

#### 1. Primary vaccination programs for pups less than 10 weeks of age.

Vaccination of pups with **Protech® C3** or **C4** vaccine at 6, 8 and 10 weeks is highly recommended to maximise protection. Where pups present for their first vaccination at 8 weeks of age, a second vaccination at 10 weeks is recommended. Vaccination according to these programs provides 12 months protection against diseases caused by canine distemper virus, canine adenovirus types 1 & 2, canine parvovirus and canine parainfluenza virus.

#### 2. Primary vaccination programs for pups and dogs 10 weeks of age or older.

One dose of **Protech® C3** or **C4** vaccine.

In previously unvaccinated dogs of 10 weeks of age or older a single dose of **Protech® C3** or **C4** vaccine is sufficient to confer 12 months protection against disease caused by canine distemper virus, canine adenovirus type 1, canine adenovirus type 2 and canine parvovirus. However, to ensure optimal cover it is highly recommended that a vaccination program be instituted at an earlier age as described above.

#### Suggested primary vaccination programs:

Age at 1 <sup>st</sup> Vaccination	Vaccination		
	6 wks	8 wks	10 wks
6 wks	X	X	X
8 wks		X	X
10 wks			X*

Continue vaccination program as suggested below under 'Revaccination'

\* In cases where protection against canine parainfluenza is required at least 2 doses of parainfluenza vaccine are needed to provide 12 months' protection.

**Protech® C2i** may be used as a diluent for **Protech® C3** or **C4** vaccine. Two doses 2-4 weeks apart will protect against *Leptospira interrogans* serovar Copenhageni and canine coronavirus.

**Protech® BB** may be used as a diluent for **Protech® C4** vaccine. **Protech® Pi2** reconstituted with **Protech® BB** may be used as a diluent for **Protech® C3** vaccine. Alternatively, the **Virbac®** inactivated bordetella and parainfluenza vaccine may be used as a diluent for **Protech® C3** vaccine.

#### 3. Revaccination

For protection against canine cough annual revaccination with **Protech® Bronchi-Shield® III** or **Protech® Bronchi-Shield® I** is recommended, according to the table below. Annual revaccination

against canine coronavirus and *Leptospira interrogans* serovar Copenhageni is recommended using **Protech® C2i** vaccine.

**Suggested vaccination programs:**

<b>Age</b>	<b>Either</b>	<b>Or</b>
<b>6 wks</b>	Protech C3 + Protech C2i	Protech C4 + Protech C2i
<b>8 wks</b>	Protech C3 + Protech C2i and Protech Bronchi-Shield III	Protech C4 + Protech C2i and Protech Bronchi-Shield I
<b>10 wks</b>	Protech C3	Protech C4
<b>Annual vaccination</b>	Protech C3 + Protech C2i and Protech Bronchi-Shield III	Protech C4 + Protech C2i and Protech Bronchi-Shield I

**Protech® C3** and **Protech® C4** have been assessed as providing at least 12 months protection against canine distemper virus, canine adenovirus and canine parvovirus.

Many factors influence the effectiveness of vaccination and the need for revaccination. The vaccination program for an individual animal should be determined within a veterinarian-client relationship, taking all these factors into account.