

NOBIVAC® DHPPi

DESCRIPTION

Nobivac DHPPi is a live attenuated freeze-dried vaccine offering protection against canine distemper, infectious hepatitis, parvovirus disease and parainfluenza virus infection in dogs.

Each vial (1 dose when reconstituted) contains:

- Distemper virus, strain Onderstepoort $\geq 10^4$ TCID₅₀
- Canine adenovirus type 2, strain Manhattan LPV₃ $\geq 10^4$ TCID₅₀
- Canine parvovirus, strain 154 $\geq 10^7$ TCID₅₀
- Parainfluenza virus, strain Cornell $\geq 10^{5.5}$ TCID₅₀

The diluent (Nobivac Diluent) is phosphate buffered water for injection.

Nobivac Lepto I may be used as diluent.

INDICATION

Active immunisation of healthy dogs against canine distemper virus, canine adenovirus type 1 (infectious canine hepatitis), canine parvovirus and against kennel cough caused by canine adenovirus type 2 and canine parainfluenza virus.

The puppy programme can be completed from 10 weeks of age and following completion, the components of Nobivac DHPPi have been shown to protect against canine distemper virus, canine parvovirus and canine adenovirus for at least three years. Onset of immunity is one week after administration. For the canine parainfluenza component, annual vaccination is recommended. Onset of immunity is four weeks. Nobivac DHPPi can be used in pregnant bitches.

DOSAGE AND ADMINISTRATION

Reconstitute each single dose (vial) of the vaccine with one vial (1mL) of Nobivac Diluent or Nobivac Lepto I and administer by subcutaneous injection. After reconstitution, the vaccine should be used within 30 minutes.

VACCINATION PROGRAMME

Each of the Nobivac vaccines fits into a larger overall vaccination programme. The individual's age, health and local environmental conditions should be considered before deciding on a vaccination programme.

Suggested Programmes:

1. Vaccination commencing at 6 - 8 weeks of age.

Age	Vaccine
6 – 8 weeks	Nobivac Parvo-C <u>OR</u> Nobivac Puppy DP <u>OR</u> Nobivac DHP <u>OR</u> Nobivac DHPPi
	Use Nobivac Diluent for reconstitution <u>OR</u> *OPTIONAL Nobivac Lepto I
10 weeks	Nobivac DHP <u>OR</u> Nobivac DHPPi
	Use Nobivac Diluent for reconstitution <u>OR</u> *OPTIONAL Nobivac Lepto I

N.B. There must be at least two weeks between vaccinations and the pup should be at least 10 weeks of age when the final vaccination is administered.

2. Vaccination commencing at 10 weeks of age or older.

Age	Vaccine
10 weeks or older	Nobivac DHP <u>OR</u> Nobivac DHPPi
	Use Nobivac Diluent for reconstitution <u>OR</u> *OPTIONAL Nobivac Lepto I
2 – 4 weeks later	*OPTIONAL Nobivac Lepto I

For an optimal response to the injectable parainfluenza component, dogs should be vaccinated twice, 2 - 4 weeks apart with the final vaccination at 10 weeks of age or older.

*OPTIONAL - Nobivac Lepto I should be used where there is risk of the pup contracting leptospirosis. An initial course of 2 doses, 2 - 4 weeks apart is recommended for Nobivac Lepto I. An interdose interval of 4 weeks is preferable.

Where additional kennel cough protection is required, a single dose of Nobivac KC, an intranasal vaccine, can be included in the above schedules any time over 2 weeks of age.

Revaccination

Following completion of the initial programme, revaccination is recommended:

1. Canine distemper virus, canine adenovirus and canine parvovirus – at three yearly intervals.
2. Canine parainfluenza virus – annual revaccination, for example with Nobivac Pi or Nobivac KC.
3. Annual revaccination is recommended for the optional vaccines Nobivac Lepto I and Nobivac KC.

Where necessary, (for example to meet vaccination entry requirements of premises, or where vaccination 12 months after completion of the initial programme is desired in line with common international practice), these vaccines can be used at shorter revaccination intervals.

Simplified Vaccine Program

	DHP or DHPPi	Parvo-C or Puppy DP	KC	Lepto I
2 weeks			✓	
6-8 weeks	✓	Or ✓	Or ✓	✓
10 weeks	✓			✓
1 year			✓	✓
2 year			✓	✓
3 year	✓		✓	✓

PRECAUTIONS and WARNINGS

- Only healthy dogs should be vaccinated.
- Sterile equipment should be used for administration but avoid contamination of vaccine with traces of disinfectant or spirit.

ADVERSE REACTIONS

Following subcutaneous administration, a diffuse swelling up to 5mm in diameter may be observed at the site of injection in approximately 10% of animals. Occasionally this swelling may be hard and painful and last up to 3 days post injection. In rare cases, a transient rise in body temperature may occur.

Hypersensitivity reactions are rare, but as with all vaccines, may occasionally be encountered. In this event, administration of an antihistamine, corticosteroid or adrenaline by the most immediate route may be indicated.

STORAGE

Store in a refrigerator between 2°C and 8°C, on the middle shelf. Do not freeze.

Care should be taken to avoid prolonged or repetitive exposure to high ambient temperature.

Once reconstituted use **within 30 minutes**.

Nobivac Diluent may be stored at room temperature.

FURTHER INFORMATION

Experience has shown that the maternal parvovirus antibody status of pups within a litter varies greatly and reliance should not be placed on serological examination of the bitch alone.

A good immune response is reliant on the reaction of an immunogenic agent and a fully competent immune system.

The immunogenicity of the vaccine antigen will be reduced by poor storage or inappropriate administration.

Immunocompetence of the animal may be compromised by a variety of factors including poor health, nutritional status, genetic factors, concurrent drug therapy and stress.

Prescription Animal Remedy (**P.A.R**) Class I. For use only under the authority or prescription of a veterinarian.

Registered pursuant to the ACVM Act 1997, No. A6257. See www.nzfsa.govt.nz/acvm/ for registration conditions.

Registered to:

Schering-Plough Animal Health
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www.intervet.co.nz

Nobivac Parvo C	ACVM No. A5525
Nobivac Puppy DP	ACVM No. A6018
Nobivac DHP	ACVM No. A5526
Nobivac Pi	ACVM No. A9101
Nobivac Lepto I	ACVM No. A7832
Nobivac KC	ACVM No. A7865