Health Products Regulatory Authority

IPAR



Publicly Available Assessment Report for a Veterinary Medicinal Product

Nobivac DHP

PRODUCT SUMMARY

EU Procedure number	IE/V/0161/001/MR
Name, strength and pharmaceutical form	Nobivac DHP
	Live freeze-dried pellet for suspension for injection
Active substance(s)	Canine distemper virus
	Canine adenovirus 2
	Canine parvovirus
Marketing Authorisation Holder	Intervet Ireland Ltd.,
	Magna Drive,
	Magna Business Park,
	Citywest Road,
	Dublin 24.
Legal basis of application	Review application in accordance with Directive 90/677/EC.
Date of Authorisation	12 th November 2014
Target species	Dogs
Indication for use	For the active immunisation of dogs to reduce clinical signs of disease caused by canine distemper virus infection; to prevent clinical signs and viral excretion caused by canine parvovirus infection; to reduce clinical signs of canine contagious hepatitis and viral excretion due to canine adenovirus 1 infection and to reduce clinical signs of respiratory infection and viral excretion caused by adenovirus type 2 infection.
ATCvet code	QI07AD02
Concerned Member States	NO, UK

PUBLIC ASSESSMENT REPORT

The public assessment report reflects the scientific conclusion reached by the HPRA at the end of the evaluation process and provides a summary of the grounds for approval of the marketing authorisation for the specific veterinary medicinal product. It is made available by the HPRA for information to the public, after the deletion of commercially confidential information. The legal basis for its creation and availability is contained in Article 25.4 of EC Directive 2001/82/EC as amended by Directive 2004/28/EC for veterinary medicinal products. It is a concise document which highlights the main parts of the documentation submitted by the applicant and the scientific evaluation carried out by the HPRA leading to the approval of the product for marketing in Ireland.

The Summary of Product Characteristics (SPC) for this product is available on the HPRA's website.

I SCIENTIFIC OVERVIEW

The initial application for the product was assessed before there was a requirement to produce a public assessment report due to implementation of Directive 2001/82/EC as amended by Directive 2004/82/EC in November 2005. Details on the quality, safety and efficacy of the product which led to the initial authorisation are not therefore included in the report.

Section VI of the report includes details of significant post-approval changes which have occurred since November 2005 which are considered important for the quality, safety and efficacy of the product.

II QUALITY ASPECTS

See section I.

III SAFETY ASSESSMENT

See section I.

IV CLINICAL ASSESSMENT (EFFICACY)

See section I.

V OVERALL CONCLUSION AND BENEFIT/RISK ASSESSMENT

On the basis of the data submitted in the original application, the HPRA considered that the product demonstrated adequate evidence of efficacy for the approved indication(s) as well as a satisfactory benefit/risk profile and therefore granted a marketing authorisation.

VI POST-AUTHORISATION ASSESSMENTS

The SPC and package leaflet are updated on a continuous basis to include new information on the quality, safety and efficacy of the veterinary medicinal product. The current SPC is available on the HPRA's website.

This section contains information on significant changes made after approval which are important for the quality, safety or efficacy of the product.

Quality Changes

Summary of change	Approval date
Addition of the manufacturing site Novartis UK as an additional blending, filling and freeze-drying site for Nobivac DHP	29 th January 2007
The data presented confirm Novartis UK to be a satisfactory alternative site for blending, filling and freeze-drying of Nobivac DHP.	
IE/V/161/001/II/005	
Update of a Certificate of Suitability for one of the gelatine sources used in the manufacture of Nobivac DHP.	18 th July 2007
The information provided confirms that there is no change to the risk of transferring TSE agents associated with the update to the gelatine Certificate of Suitability.	
IE/V/161/001/IA/007	

Safety/Efficacy Changes

Include Nobivac KC as a recommended vaccine for concurrent use with Nobivac 01 st July 2006 DHP. A combined safety and efficacy study in which dogs were administered either Nobivac DHP alone, Nobivac KC alone or Nobivac DHP and Nobivac KC Image: Concurrent administration of the 2 vaccines was similar to that observed with the individual vaccines administered singly. The antibody tires measured for each of the active components of the Nobivac DHP vaccine and the level of protection observed following a combined canine parainfluenza virus and Bordetella bronchiseptica challenge infection were similar when the vaccines were administered concurrently or when Nobivac DHP vaccine are madministered concurrently or when Nobivac KC was not considered to adversely affect the safety or efficacy profile of either vaccine. If the vaccine vaccine adversely affect the safety or efficacy profile of either vaccine. IE/V/161/001/I/004 CPV infection i If the Nobivac KC was administered on the active component of the active component of Nobivac DHP and non-vaccinated dogs, indicated that all non-vaccinated dogs excreted CPV while CPV scaretion was not y observed in one vaccinated dogs excreted CPV while CPV scaretion was only observed in one vaccinated dogs excreted CPV while CPV scaretion was only observed in one vaccinated dogs excreted CPV while CPV scaretion was not y observed in one vaccinated dogs and the record on the vaccinate was a dogs excreted CPV while CPV scaretion was not y observed in one vaccinated dogs. Athis in relation to CPV viral excretion to the vaccinate was adjue the total with the CPV component of Nobivac DHP with ere vaccinated upper vaccinated was exceeded CPV while CPV scaretion was only observed in one vaccinated dogs. Athis incidence of CPV viral excretion in the vac	Summary of change	Approval date
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vaccines of the Nobivac series against canine leptospirosis.	18 th June 2014
Change to SPC sections 4.6, 4.8, 4.9 and 6.2.	
Relevant studies have been performed which support the safety and efficacy of Nobivac DHP when reconstituted with the inactivated vaccines of the Nobivac series against canine leptospirosis caused by all or some of the following serovars: L. interrogans serogroup Canicola serovar Canicola, L. interrogans serogroup Icterohaemorrhagiae serovar Copenhageni, L. interrogans serogroup Australis serovar Bratislava, and L. kirschneri serogroup Grippotyphosa serovar Bananal/Liangguang	
SPC section 4.8 for Nobivac DHP has been amended to include details of this simultaneous administration schedule and to describe the associated adverse reactions.	
For consistency purposes, the adverse reactions currently described in the Nobivac DHP SPC Section 4.6 for the simultaneous administration of Nobivac DHP reconstituted with the Nobivac vaccine series against rabies are also moved to Section 4.8 of the SPC.	
IE/V/0161/001/II/012	