


Progressive Retinal Atrophy (PRCD)

Client Name:	Liane van der Hoven (LIA001)	Report No:	ZO2022/5011/20221205/#36956
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Profile:	DG2021/20146	Species:	Canis lupus familiaris / Canine / Dog
Name:	Bonyl Knox Cobolt	Microchip #:	945000001859583
Breed:	Golden Retriever	Registration #:	ZA005818B21
Test:	[PRA-PRCD] Progressive Retinal Atrophy (PRCD)		
Results:	c.5G>A (formerly 1298G>A)	GG	CLEAR

Sample Type: Whole Blood (EDTA)	Extraction Method: DNA Extraction: D4069	Test Type: Genetic Health
[PRA-PRCD] Progressive Retinal Atrophy (PRCD)		
<p>Progressive Retinal Atrophy (PRA) is a collective of genetic eye disorders that share similar symptoms, and there are numerous mutations that cause PRA in various canine breeds. The progressive rod-cone degeneration form of PRA (PRCD) is common among many canine breeds.</p> <p>This test detects the substitution of an ATP for a GTP at c.1298 G>A in a 106kb region on canine chromosome CFA9.</p> <p>PRA-prcd is a late-onset, autosomal recessive photoreceptor degenerative disease, where two copies of the mutation are required for an individual to be affected.</p> <p>References: Zangerl et al 2006. Identical mutation in a novel retinal gene causes progressive rod-cone degeneration in dogs and retinitis pigmentosa in humans. Genomics 88, pp 551-63.</p>		

It is the sender's responsibility to ensure the correctness of the information accompanying the samples. In no event shall Inqaba Biotechnical Industries (Pty) Ltd or its divisions be held liable for indirect, substantial or secondary damages of any kind. Results are usually made available within 7-14 days of receipt of samples. Please note that results are only released subject to payment.

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The DNA profile is based on a preliminary marker panel that is subject to modification pending additional genetic information.

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