

Progressive Retinal Atrophy (PRCD)

Client Name:	Lauriaan Morton (LAU002)	Report No:	ZO2025/9673/20250804/#101097
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Profile:	DG2025/93667	Species:	Canis lupus familiaris / Canine / Dog
Name:	Golden Starseed Blue (Mufasa)	Microchip #:	972274200143122
Breed:	Golden Retriever		
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) 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. This test detects the substitution of an ATP for a GTP at c.1298 G>A in a 106kb region on canine chromosome CFA9. 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. 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.		

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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This report does not disregard the existence of any rare or unknown variant within this gene or other gene(s) that may result in the same or similar trait. Multiple mutations and/or gene(s) may contribute to the overall trait observed.

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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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