


Dilated Cardiomyopathy (PDK4)

Client Name:	Angelique van Greuning (ANG003)	Report No:	ZO2022/4399/20220729/#29029
Client Address:	Angelique van Greuning (ANG003) 278 Phillip Street Kilner Park Pretoria, Gauteng 0186 South Africa		
Phone:	082 866 9872		
Email:	antonvg@dischem.co.za		
Profile:	DG2022/34844	Species:	Canis lupus familiaris / Canine / Dog
Name:	Zia van Greuning	Microchip #:	953010002929661
Breed:	Dobermann		
Test:	[PDK4] Dilated Cardiomyopathy (PDK4)		
Results:	PDK4del16nt	WT/WT	CLEAR

Sample Type: Whole Blood (EDTA)	Extraction Method: DNA Extraction: D4069	Test Type: Genetic Health
<p>[PDK4] Dilated Cardiomyopathy (PDK4)</p> <p>Hereditary dilated cardiomyopathy (DCM) is a myocardial disease that can result in the development of congestive heart failure and sudden death.</p> <p>The presence or absence of mutation 16bp deletion in PDK4 is tested. This form of DCM is known to affect Doberman Pinscher and Dobermann.</p> <p>DCM caused by PDK4del16nt is inherited in an autosomal dominant manner, this means that only one mutation (carrier) is required to present with symptoms.</p> <p>References: Meurs, et al 2012. A splice site mutation in a gene encoding for pdk4, a mitochondrial protein, is associated with the development of dilated cardiomyopathy in the Doberman pinscher. Human Genetics 131: pp1319–1325</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.

Disclaimer:

Whatever is contained in this report is subject to the following:

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.

Inqaba Biotechnical Industries Pty Ltd and the divisions thereof (Registration number: 2001/011245/07) accepts that the biological specimen(s) provided, originates from the relevant animal(s) indicated on supporting documents received and does not accept responsibility for the downstream effects of incorrect information provided.

It is the responsibility of the client that all biological samples are available at submission or previously submitted and corresponds with all requested samples listed on the sample submission form. Inqaba Biotechnical Industries Pty Ltd and the divisions thereof does not accept responsibility for the effect of any absent samples on the analysis results.

Inqaba Biotechnical Industries Pty Ltd and the divisions thereof accepts that all genetic profiles and/or samples from external sources are correctly labelled and accurate. Inqaba Biotechnical Industries Pty Ltd and the divisions thereof does not accept responsibility for the effect of any inaccuracies of submitted DNA profiles on the analysis and results.

Inqaba Biotechnical Industries Pty Ltd and the divisions thereof shall not be responsible for human and/or technical errors that could not have been foreseen.

This document is solely for the use of the addressee and only in connection for the purpose set out in this document. Inqaba Biotechnical Industries Pty Ltd and the divisions thereof do not assume liability or responsibility to any third party to which this document is disclosed or otherwise made available.

Nothing in this document should be construed as advice to proceed or not to proceed with any specific course of action, as it was not prepared for that purpose.

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

It is the sender's responsibility to obtain permits when sending samples where required.

Inqaba Biotechnical Industries Pty Ltd and the divisions thereof reserve the right to decline testing of samples.

No guarantees are made with regards to turn-around processing time and results, and no liability will be accepted for any delays.

ZooOmics™