

Laboratory Report

Laboratory #:	8973	Call Name:	Chord
Order #:	3520	Registered Name:	Chord
Ordered By:	Maria Amodei	Breed:	Border Collie
Ordered:	April 16, 2015	Sex:	Female
Received:	April 27, 2015	DOB:	March 2012
Reported:	May 4, 2015	Registration #:	ABCA 376397
		Microchip #:	007 378 888

Results:

Disease	Gene	Genotype	Interpretation
Collie eye anomaly	<i>NHEJ1</i>	WT/WT	Normal
Degenerative myelopathy	<i>SOD1</i>	WT/WT	Normal
Intestinal cobalamin malabsorption (Border Collie type)	<i>CUBN</i>	WT/WT	Normal
Multidrug resistance 1	<i>ABCB1</i>	WT/WT	Normal
Neuronal ceroid lipofuscinosis 5	<i>CLN5</i>	WT/WT	Normal
Trapped neutrophil syndrome	<i>VPS13B</i>	WT/WT	Normal

WT, wild type (normal); M, mutant

Interpretation:

Molecular genetic analysis was performed for specific mutations of six genes reported to be associated with disease in dogs. We identified two normal copies of the DNA sequences in the genes tested.

Recommendations:

No mutations were identified. Thus, this dog is not at an increased risk for the diseases caused by or associated with the mutations tested. Normal results do not exclude inherited mutations not tested in these or other genes that may cause medical problems or may be passed on to offspring. Paw Print Genetics™ has genetic counseling available to you at no additional charge to answer any questions about these test results, their implications and potential outcomes in breeding this dog.



Christina J Ramirez, PhD, DVM, DACVP
Medical Director



Casey R Carl, DVM
Associate Medical Director

Normal results do not exclude inherited mutations not tested in these or other genes that may cause medical problems or may be passed on to offspring. These tests were developed and their performance determined by Paw Print Genetics™. This laboratory has established and verified the tests' accuracy and precision. Because all tests performed are DNA-based, rare genomic variations may interfere with the performance of some tests producing false results. If you think these results are in error, please contact the laboratory immediately for further evaluation.