

Laboratory Report

Laboratory #:	10083	Call Name:	Sizzle
Order #:	3414	Registered Name:	Callibreeze The Heat Is On
Ordered By:	Rosanne Starkman	Breed:	Australian Shepherd
Ordered:	April 9, 2015	Sex:	Female
Received:	May 4, 2015	DOB:	Sept. 2014
Reported:	May 11, 2015	Registration #:	BS579934
		Microchip #:	956000003606760

Results:

Disease	Gene	Genotype	Interpretation
Collie eye anomaly	<i>NHEJ1</i>	WT/WT	Normal
Cone degeneration	<i>CNGB3</i>	WT/WT	Normal
Degenerative myelopathy	<i>SOD1</i>	WT/WT	Normal
Hereditary cataracts (Australian Shepherd type)	<i>HSF4</i>	WT/WT	Normal
Hyperuricosuria	<i>SLC2A9</i>	WT/WT	Normal
Multidrug resistance 1	<i>ABCB1</i>	WT/WT	Normal
Multifocal retinopathy 1	<i>BEST1</i>	WT/WT	Normal
Neuronal ceroid lipofuscinosis 6	<i>CLN6</i>	WT/WT	Normal
Progressive retinal atrophy, Progressive rod-cone degeneration	<i>PRCD</i>	WT/WT	Normal

WT, wild type (normal); M, mutant

Interpretation:

Molecular genetic analysis was performed for specific mutations of nine 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.



Blake C Ballif, PhD
Laboratory & Scientific Director



Christina J Ramirez, PhD, DVM, DACVP
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.