Canine HealthCheck

Demographic Information

Call Name:	Jordan	DOB:	April 24, 2022
Registered Name:		Registration Number:	
Breed:	Bernedoodle	Tattoo:	
Sex:	Male	Microchip:	
Owner:	Anna Fairchild	Laboratory # Report Date:	24-22-00475 June 30, 2022

These tests were developed and performed by Paw Print Genetics®, Spokane WA.

Explanation of Results

Carrier / at Risk	A Carrier result indicates that your dog has inherited one copy of the mutation that has been reported to cause the genetic disease. Most dog owners will never know their dog is a carrier for a genetic disease. But they can be a source of concern when breeding their dog to another dog that is also a carrier for the same genetic disease.
Carrier / at Risk (Compound)	A Carrier / at Risk result indicates that your dog inherited one copy of the mutation that has reported to cause the genetic disease. This result is different than a standard carrier result because the mutation has been determined to compound with another mutation to cause a higher risk for the genetic disease.
At Risk (Affected)	A At Risk (Affected) result indicates that your dog inherited two copies of the mutation that has reported to cause the genetic disease. Breeds in the result section of your report will be affected by the genetic disease. Breeds in the result section of your report may be affected by the genetic disease.
No Result	No Result indicates that we were unable to obtain a genotype for your dog for the specific disease or that the genotype we obtained for your dog did not fit into the disease. There are a variety of reasons why this may occur. Most commonly, the DNA sample we received from your dog was of poor quality with a specific test. In addition, there may be a mutation that affects our ability to genotype your dog for the specific disease. Finally, there may be a mutation that affects our ability to genotype your dog for the specific disease. Sometimes, we will run a second test on your dog's DNA sample to ensure the accuracy of our results. We may also run a second test if we are unable to obtain a genotype. If we may be able to use a second test of your DNA, we may run a second test free of charge. Please contact us for more information.

Please visit our Testing Terms and Abbreviations regarding result details.

MT: Wild type/normal ST: Carrier TT: Homozygous/affected

Breed Profile

Disease Name	Genotype	Interpretation
Degenerative Myelopathy	MT/wild	Normal/Carrier
Degenerative Myelopathy (Reverse Strand Dog Genome)	T	
Degenerative myelopathy (Canine breed)	T	

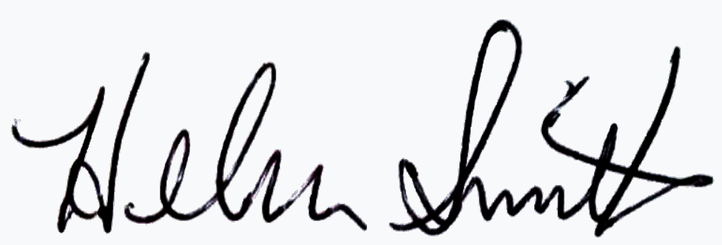
Disease Name	Genotype	Interpretation
Hereditary Cataracts	MT/wild	Normal/Carrier
Glycogenosis Type IIIa (Cori Disease)	MT/wild	Normal/Carrier
Hereditary Nephropathy 1	MT/wild	Normal/Carrier
Renovascular Encephalopathy with Seizures	MT/wild	Normal/Carrier
Fibronectin Glomerulopathy	MT/wild	Normal/Carrier
Acquired(not Genetic)Multifocal Retinopathy Type 1	MT/wild	Normal/Carrier

Coat Colors & Traits

Trait Name	Genotype	Interpretation
K locus (CBD)	KBr/wild	Brindle/Carrier
A locus (ASIP)	aw/wild	Sable/Carrier
B locus (TYRP1)	b/b	Liver (Dilute to Isabella)/Affected
D locus (MLPH)	d/d	Dilute (Blue)/Affected
E locus (MC1R)	Em/wild	Fawn/Carrier
M locus (PMEL)	m/wild	Merle/Carrier
S locus (MITF)	sw/wild	Spotting/Carrier
H locus (HPS/Pt)	h/wild	Hooded/Carrier
C locus (TYR)	cb/wild	Chinchilla/Carrier
D locus (MYO5A)	n/n	No dilution
E locus (MC1R)	e/e	Recessive Red/Affected
M locus (PMEL)	m/m	Double Merle/Affected
S locus (MITF)	sp/wild	Spotting/Carrier
H locus (HPS/Pt)	h/h	Hooded/Affected
C locus (TYR)	cc/wild	Chinchilla/Carrier
D locus (MYO5A)	n/n	No dilution
E locus (MC1R)	e/e	Recessive Red/Affected
M locus (PMEL)	m/m	Double Merle/Affected
S locus (MITF)	sp/sp	Spotting/Affected
H locus (HPS/Pt)	h/h	Hooded/Affected
C locus (TYR)	cc/cc	Albino/Affected

Severe Combined Immunodeficiency Disease, X-Linked Basset Hound Type	WT/Y	X-Linked Male Normal
Severe Combined Immunodeficiency Disease, X-Linked Corgi Type	WT/Y	X-Linked Male Normal
Shar-Pei Autoinflammatory Disease	WT/WT	Normal (Clear)
Skeletal Dysplasia 2	WT/WT	Normal (Clear)
Spinal Dysraphism	WT/WT	Normal (Clear)
Spinocerebellar Ataxia	WT/WT	Normal (Clear)
Spondylocostal Dysostosis	WT/WT	Normal (Clear)
Stargardt Disease	WT/WT	Normal (Clear)
Startle Disease	WT/WT	Normal (Clear)
Thrombopathia American Eskimo Dog Type	WT/WT	Normal (Clear)
Thrombopathia Basset Hound Type	WT/WT	Normal (Clear)
Thrombopathia Newfoundland Type	WT/WT	Normal (Clear)
Trapped Neutrophil Syndrome	WT/WT	Normal (Clear)
Urolithiasis Native American Indian Dog Type	WT/WT	Normal (Clear)
Van Den Ende-Gupta Syndrome	WT/WT	Normal (Clear)
Von Willebrand Disease I	WT/WT	Normal (Clear)
Von Willebrand Disease II	WT/WT	Normal (Clear)
Von Willebrand Disease III Kooikerhondje Type	WT/WT	Normal (Clear)
Von Willebrand Disease III Scottish Terrier Type	WT/WT	Normal (Clear)
Von Willebrand Disease III Shetland Sheepdog Type	WT/WT	Normal (Clear)

WT: wild type (normal) M: mutant Y: Y chromosome (male)



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Canine HealthCheck® is a product of Paw Print Genetics®. This test was developed and its performance determined by Paw Print Genetics. This laboratory has established and verified the test's accuracy and precision with >99% sensitivity and specificity. The results included in this report relate only to the items tested using the sample provided. The presence of mosaicism may not be detected by this test. Non-paternity may lead to unexpected results. This is not a diagnostic test. This is not a breed identification test. Because all tests are DNA-based, rare genomic variations may interfere with the performance of some individual tests producing false results. If you think any results are in error, please contact the laboratory for further evaluation.

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The Canine HealthCheck® is a screen of >250 genes that cause diseases or traits in dogs. This is not a diagnostic test. Any abnormal results (carrier or affected), or any results that concern you, should be confirmed using a diagnostic test. Diagnostic testing is available from Paw Print Genetics® and in many cases, can be performed using existing DNA from the Canine HealthCheck.

The Canine HealthCheck is not a breed identification test.