Welcome,
Anna Fairchild
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Canine HealthCheck

Demographic Information

Call Name:	Mew	DOB:	February 23, 2003
Registered Name:		Registration Number:	
Breed:	Brownsville	Tattoo:	
Sex:	Female	Microchip:	
Owner:	Amy Kerchal	Laboratory #	2022-01-010910
		Report Date:	November 7, 2022

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

Explanation of Results

Carrier (Heterozygous) A Carrier dog's breed will show that they inherited one copy of the mutation that has been reported to cause the genetic disease. Since they are only one of a minimum of two mutations required to cause the genetic disease, they are not affected by the genetic disease and are not at risk for developing the genetic disease.

Carrier (Hetero-Hetero) A Carrier dog's breed will show that she/he/they inherited one copy of the mutation that has been reported to cause the genetic disease and one copy of a different mutation that has been reported to cause the genetic disease. Since they are only one of a minimum of two mutations required to cause the genetic disease, they are not affected by the genetic disease and are not at risk for developing the genetic disease.

At Risk (Affected) A Carrier dog's breed will show that she/he/they inherited two copies of the mutation that has been reported to cause the genetic disease. Since they are only a minimum of two mutations required to cause the genetic disease, they are affected by the genetic disease and are at risk for developing the genetic disease.

No Result The Result indicates that we were unable to obtain a genotype for your dog for a specific disease or that the genotype we obtained for your dog is not a carrier or at risk for the disease. There are a number of reasons why we may not be able to obtain a genotype for your dog, including but not limited to: the quality of the DNA we received was poor, we did not have enough DNA to run all of the genetic tests we have for a specific disease, or the disease is not one we currently test for in your dog's breed. Sometimes we can run a different set of genetic tests for your dog if we are unable to obtain a genotype for a specific disease. If we feel that this is an option for your dog, we will contact you with further information. If we feel that we are unable to run a different set of genetic tests for your dog, we will contact you with a full refund for the test.

Please visitwww.pawprintgenetics.com/breeds for breeding stock tested.

DNA Test Results	Genotype	Interpretation
Degenerative Myelopathy	N/N	Normal/Clear
Degenerative Myelopathy (Reverse Strand Orientation) (Canine Genome Build 3.1)	C/C	Normal/Clear
Degenerative Myelopathy (Reverse Strand Orientation) (Canine Genome Build 3.1)	A/A	Normal/Clear
Degenerative Myelopathy (Reverse Strand Orientation) (Canine Genome Build 3.1)	G/G	Normal/Clear
Degenerative Myelopathy (Reverse Strand Orientation) (Canine Genome Build 3.1)	T/T	Normal/Clear
Degenerative Myelopathy (Reverse Strand Orientation) (Canine Genome Build 3.1)	C/T	Carrier
Degenerative Myelopathy (Reverse Strand Orientation) (Canine Genome Build 3.1)	A/G	Carrier
Degenerative Myelopathy (Reverse Strand Orientation) (Canine Genome Build 3.1)	C/A	Carrier
Degenerative Myelopathy (Reverse Strand Orientation) (Canine Genome Build 3.1)	G/T	Carrier
Degenerative Myelopathy (Reverse Strand Orientation) (Canine Genome Build 3.1)	C/G	Carrier
Degenerative Myelopathy (Reverse Strand Orientation) (Canine Genome Build 3.1)	A/T

Renal Cystadenocarcinoma and Nodular Dermatofibrosis	WT/WT	Normal (Clear)
Retinal Dysplasia/Oculoskeletal Dysplasia 1	WT/WT	Normal (Clear)
Retinal Dysplasia/Oculoskeletal Dysplasia 2	No Result	No Result
Sensory Neuropathy Border Collie Type	WT/WT	Normal (Clear)
Severe Combined Immunodeficiency Disease Terrier Type	WT/WT	Normal (Clear)
Severe Combined Immunodeficiency Disease Wetterhoun Type	WT/WT	Normal (Clear)
Severe Combined Immunodeficiency Disease, X-Linked Basset Hound Type	WT/WT	X-Linked Female Normal
Severe Combined Immunodeficiency Disease, X-Linked Corgi Type	WT/WT	X-Linked Female 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)

Helen F Smith, PhD

Associate Laboratory Director

Christina J Ramirez, PhD, DVM, DACVP

Medical Director

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.