



Demographic Information

Call Name	Elsa Black	DOB	May 16, 2021
Registered Name	Let's Get It On	Registration Number	PR24223207
Breed	Miniature Poodle	Tattoo	
Sex	M	Microchip	
Owner	Kelly Elliott	Laboratory #	AN-21-005195
		Report Date	June 15, 2021

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

Explanation of Results

Normal | A 'Normal' result means that your dog does not have the mutation that causes the associated genetic disease.

Carrier | A 'Carrier' result indicates that your dog has inherited one copy of the mutation that has been reported to cause this genetic disease. Your dog may not be clinically affected by this mutation because two copies of the mutation are usually required to cause disease.

Carrier / At-Risk | A 'Carrier / At-Risk' result indicates that your dog inherited one copy of the mutation that has been reported to cause this genetic disease. Based on the mode of genetic inheritance for this particular disease, inheriting one mutant copy of the gene may result in the disease. Dogs with one copy of the mutation may have a milder phenotype as compared to dogs with two copies of this mutation.

At-Risk / Affected | An 'At-Risk / Affected' result indicates that your dog inherited one or two copies of the mutation that has been reported to cause this genetic disease. Based on the mode of genetic inheritance for this particular disease, inheriting one or two mutant copies of the gene may result in the disease.

No Result | 'No Result' indicates that we were unable to obtain a genotype for your dog for this specific disease or trait and does not mean that your dog is a carrier or at-risk for this disease. There are a variety of reasons why a specific test may not provide a reportable result. Unique variations in the genetic code of some individuals may exist and cause certain regions of the genome to not perform properly with a specific test. In addition, suboptimal sampling of the dog's cheek cells could also result in poor sample performance due to inadequate cell counts, bacterial and fungal growth, or the presence of other test inhibitors. An acceptable level of tests with no results has been determined by Paw Print Genetics. Dogs with at least 90% of the test results are determined to be acceptable and reportable. If your dog has an

unacceptable level of tests with no results, you will be contacted for a new sample to repeat the testing.

Please review our [testing terms and disclaimers](#) regarding your results.

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

Breed Profile

Disease Name	Geno.	Interpretation
Degenerative Myelopathy	WT/WT	<input type="button" value="Normal (Clear)"/>
Degenerative Myelopathy (Bernese Mountain Dog Variant)	0	
Degenerative Myelopathy (Common Variant)	0	
GM2 Gangliosidosis Poodle Type	WT/WT	<input type="button" value="Normal (Clear)"/>
Hereditary Cataracts	WT/WT	<input type="button" value="Normal (Clear)"/>
Intervertebral Disc Disease Risk Factor and Chondrodystrophy CDDY with IVDD	WT/M	<input type="button" value="At-Risk/Affected"/>
Multidrug Resistance 1	WT/WT	<input type="button" value="Normal (Clear)"/>
Neonatal Encephalopathy with Seizures	WT/WT	<input type="button" value="Normal (Clear)"/>
Osteochondrodysplasia	WT/WT	<input type="button" value="Normal (Clear)"/>
Progressive Retinal Atrophy, Progressive Rod-Cone Degeneration prcd	WT/WT	<input type="button" value="Normal (Clear)"/>
Progressive Retinal Atrophy, Rod-Cone Dysplasia 4	WT/WT	<input type="button" value="Normal (Clear)"/>
Von Willebrand Disease 1	WT/WT	<input type="button" value="Normal (Clear)"/>

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Coat Colors & Traits

Trait Name	Geno.	Interpretation
A Locus Agouti	a ^t /a ^t	Tricolor, black and tan
A^s Locus Saddle Tan	N/N	No saddle tan/creeping tan
B Locus Brown	B/b	Black coat, nose and foot pads (carries brown)
B Locus (Brown) - b ^p	0	
B Locus (Brown) - b ^c	1	

B Locus (Brown) - b ^d	0	
B Locus (Brown) - b ^s	0	
<u>Brachycephaly</u>	BR/BR	Likely medium to long muzzle
<u>Chondrodysplasia</u> <u>CDPA</u>	cd/cd	Likely typical leg length
<u>Cu Locus</u> <u>Curly Hair</u>	Cu ^c /Cu ^c	Curly coat
<u>D Locus</u> <u>Dilute</u>	D/D	Non dilute
D Locus (Dilute) - d ¹	0	
D Locus (Dilute) - d ²	0	
<u>E Locus</u> <u>Yellow/Red</u>	E/E	Black
<u>E^g Locus</u> <u>Grizzle, Afghan Hound Type</u>	N/N	No grizzle
<u>E^h Locus</u> <u>Sable, Cocker Spaniel Type</u>	N/N	No sable
<u>E^m Locus</u> <u>Melanistic Mask</u>	E ^m /E ^m	Melanistic mask
<u>H Locus</u> <u>Harlequin, Great Dane Type</u>	h/h	No harlequin
<u>Hr Locus</u> <u>FOX13 Hairless Gene Test, Mexican Hairless, Peruvian Hairless and Chinese Crested Type</u>	hr/hr	Coated
<u>I Locus</u> <u>Intensity</u>	I/I	Normal intensity
<u>IC Locus</u> <u>Improper Coat/Furnishings</u>	F/F	Furnishings
<u>K Locus</u> <u>Dominant Black</u>	k ^y /k ^y	Agouti expression allowed
<u>L Locus</u> <u>Long Hair/Fluffy</u>	Lh/Lh	Longhaired
L Locus (Long Hair/Fluffy) - Lh ¹	2	
L Locus (Long Hair/Fluffy) - Lh ²	0	
<u>M Locus</u> <u>Merle</u>	m/m	Non merle
<u>Polydactyly</u>	pd/pd	Normal (typical) toes (likely no hind dewclaws)
<u>S Locus</u>	s ^P /s ^P	Nearly solid white, parti,

<u>White Spotting, Parti, or Piebald</u>		or piebald
<u>SD Locus</u> <u>Shedding</u>	sd/sd	Low shedding
<u>Sex Determination</u>	X/Y	Male
<u>T Locus</u> <u>Natural Bobtail</u>	t/t	Normal tail

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Determinants of coat colors and traits are complex. Many of these variants are known and many of the genes screened in the Canine HealthCheck interact. In addition, not all the genetic factors that contribute to a dog's coat color and traits are known. Because of the complexities in gene-gene interactions, the coat colors and traits reported in your Canine HealthCheck results may vary from your dog's actual appearance. Individual differences in genes throughout the canine genome, not tested in this genetic screen, may also affect the final coat color or traits seen in your dog.

Diseases

Disease Name	Geno.	Interpretation
<u>Acral Mutilation Syndrome</u>	WT/WT	Normal (Clear)
<u>Acute Respiratory Distress Syndrome</u>	WT/WT	Normal (Clear)
<u>Adult Paroxysmal Dyskinesia</u>	WT/WT	Normal (Clear)
<u>Alaskan Husky Encephalopathy</u>	WT/WT	Normal (Clear)
<u>Alaskan Malamute Polyneuropathy</u>	WT/WT	Normal (Clear)
<u>Amelogenesis Imperfecta</u>	WT/WT	Normal (Clear)
<u>Benign Familial Juvenile Epilepsy</u>	WT/WT	Normal (Clear)
<u>Canine Multiple System Degeneration</u> <u>Chinese Crested Type</u>	WT/WT	Normal (Clear)
<u>Canine Multiple System Degeneration</u> <u>Kerry Blue Terrier Type</u>	WT/WT	Normal (Clear)
<u>Canine Scott Syndrome</u>	WT/WT	Normal (Clear)
<u>Catalase Deficiency</u>	WT/WT	Normal (Clear)
<u>Centronuclear Myopathy</u>	WT/WT	Normal (Clear)
<u>Cerebellar Ataxia</u> <u>Finnish Hound Type</u>	WT/WT	Normal (Clear)
<u>Cerebellar Cortical Degeneration</u>	WT/WT	Normal (Clear)
<u>Cerebellar Degeneration</u>	WT/WT	Normal (Clear)
<u>Chondrodysplasia</u> <u>Karelian Bear Dog and Norwegian Elkhound Type</u>	WT/WT	Normal (Clear)
<u>Cleft Palate and Syndactyly</u>	WT/WT	Normal (Clear)