Welcome,
Anna Fairchild
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Canine HeadCheck

Demographic Information

Call Name	Frity	DOB	December 2, 2020
Registered Name	Frieda	Registration Number	12345
Breed	Bernedoodle	Tattoo	1234
Sex	Female	Microchip	456-21-65465
Owner	Anna Fairchild	Laboratory #	0Rx-21-65465
		Report Date	April 5, 2021

These tests were developed and performed by Pee Pint Genetics®, Spokane WA.

Explanation of Results

Normal	A normal result that will only pass down the variants that cause the covered genetic disease.
Carrier	A carrier result that will pass on the inherited one copy of the mutation that has been reported to cause genetic disease. You may be at clinically affected risk if breeding to another carrier or affected dog. Breeding to a non-carrier will produce carriers.
At Risk (Affected)	A carrier result indicates that you inherited one copy of the mutation that has reported to cause genetic disease. This result means that your dog will pass on the mutation to all of its offspring. Breeding to another carrier or affected dog will produce affected offspring. Breeding to a non-carrier will produce carriers.
No Result	No Result indicates that we were unable to obtain a genotype for your dog for the specific disease or trait. Reasons for this result include: the sample was too old or too small, the sample was not received in a timely manner, the sample was not received in the correct form, or the sample failed to pass our quality control. We recommend that you resubmit a new sample for testing. Please contact our customer service department if you have questions. Your money will be refunded if the sample cannot be accepted and reported. It may be up to one business hour or more before we respond to your inquiry, depending on our current volume.

Please visit our testing menu and descriptions regarding case review.

MT:	mitochondrial	XI:	Linked
XR:	X-recessive/linked		

Breed Profile

Disease Name	Genotype	Interpretation
Degenerative Myelopathy	MT/MT	Normal/Clear
Degenerative Myelopathy (Reverse Reverse Dog Survey) Degenerative Myelopathy (Canine Genetics)	C C	
DM1 Degenerative Myelopathy Double Test	MT/MT	Normal/Clear
Hereditary Cataracts	MT/MT	Normal/Clear
Lysosomal-Associated Membrane Protein Family Member 2 (LAMP-2) (LAMP-2 gene variant)	MT/MT	Normal/Clear
Shaking Puppies 1	MT/MT	Normal/Clear
Neonatal Encephalopathy with Seizures	MT/MT	Normal/Clear
Glycosaminoglycan	MT/MT	Normal/Clear
Progressive Retinal Atrophy, Progressive Rod-Cone Degeneration	MT/MT	Normal/Clear
Von Willebrand Disease 1	MT/MT	Normal/Clear

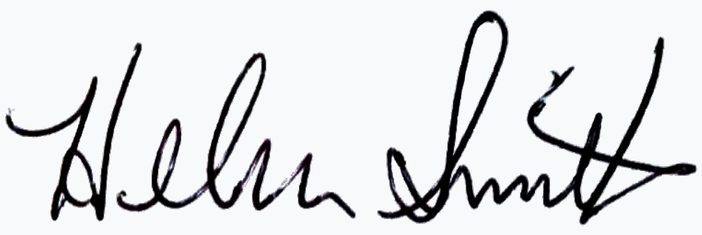
MT: mitochondrial XI: Linked XR: X-recessive/linked

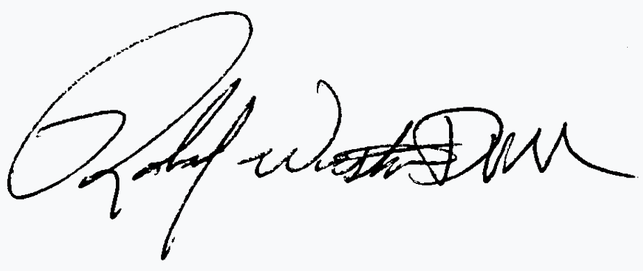
Coat Colors 9 Traits

Trait Name	Genotype	Interpretation
Brown Dog Gene (MC1R)	E/LP	Recessive black and tan
K Locus Dominant Black	K/K	No visible dominant black
A Locus Agouti Signal	A/A	Black and tan
Merle (SILV)	M/A	Merle (cryptic, solid and tan/tri-color possible)
Brown (TYRP1) Dilution	B/B	Black
D Locus Melanin Dilution	D/D	No dilution
Fading Puppies Genotype	N/N	No fading
MC1R Melanocortin 1 Receptor	E/E	Melanistic mask (carrier)
S Locus Piebald Spotting	S/S	No piebald
Harlequin Great Dane Merle (Harlequin Pattern) Harlequin Great Dane Double Dose	H/H	Harlequin
Coat Texture Curly Coat	CurCur	Straight coat
Furnishings Furnishings	Furf/Furf	Non-furnished
Furnishings Furnishings	Furf/Furf	Non-furnished
Furnishings Furnishings	Furf/Furf	Non-furnished

Protein Losing Nephropathy (Variant 2)		
Pyruvate Dehydrogenase Deficiency	WT/WT	Normal (Clear)
Pyruvate Kinase Deficiency Basenji Type	WT/WT	Normal (Clear)
Pyruvate Kinase Deficiency Beagle Type	WT/WT	Normal (Clear)
Pyruvate Kinase Deficiency Labrador Retriever Type	WT/WT	Normal (Clear)
Pyruvate Kinase Deficiency Pug Type	WT/WT	Normal (Clear)
Pyruvate Kinase Deficiency Terrier Type	WT/WT	Normal (Clear)
Recurrent Inflammatory Pulmonary Disease	WT/WT	Normal (Clear)
Renal Cystadenocarcinoma and Nodular Dermatofibrosis	WT/WT	Normal (Clear)
Retinal Dysplasia/Oculoskeletal Dysplasia 1	WT/WT	Normal (Clear)
Retinal Dysplasia/Oculoskeletal Dysplasia 2	WT/WT	Normal (Clear)
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/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. Because all tests are preformed are DNA-base, 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 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.