

Customer & Pet Information

Registered Name Devos's M R Prairie Bluebell Registration [REDACTED] Breed Australian Shepherd Tattoo - Sex
Female Microchip [REDACTED] DOB [REDACTED] Lab Sample ID [REDACTED] AKC Sample ID [REDACTED]

Report Date Mar 16, 2026

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 phenotype as compared to dogs with two copies of this mutation.

Carrier / At-Risk 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

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.

'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. 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.

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

Please review our testing terms and disclaimers regarding your results.

Disease Name Genotype Interpretation

Collie Eye Anomaly WT/WT

Hereditary Ataxia (Australian Shepherd Type) WT/WT

Multidrug Resistance 1 WT/WT

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

Coat Colors & Traits

Trait Name Genotype Interpretation

A Locus (Agouti) a¹/a Black and tan carries bicolor/solid

A^s Locus (Saddle Tan) N/A^s Saddle tan/creeping tan (non saddle tan carrier)

B Locus (Brown) B/B Black coat, nose and foot pads (does not carry brown)

B Locus (Brown) - b^a

0

B Locus (Brown) - b^c 0

B Locus (Brown) - b^d 0

B Locus (Brown) - b^h 0

B Locus (Brown) - b^e 0

B Locus (Brown) - b^s

0

Brachycephaly BR/BR Likely medium to long muzzle

Chondrodysplasia (CDPA) cd/cd No Leg Shortening Associated with CDPA

Co Locus (Cocoa, French Bulldog Type) CO/CO Black coat, nose and foot pads (does not carry cocoa)

Cu Locus (Curly Hair) Cu/Cu Straight coat

D Locus (Dilute) D/D Non-dilute (does not carry dilute)

D Locus (Dilute) - d¹

0

D Locus (Dilute) - d² 0

D Locus (Dilute) - d³

0

E Locus E/E Black

E Locus - E^m (Melanistic Mask)

0

E Locus - E^g (Grizzle, Afghan Hound Type) 0

E Locus - E^h (Sable, Cocker Spaniel Type) 0

E Locus - e ^A (Ancient Red, Spitz and Scent Hound Type) 0		
E Locus - e ¹ (Yellow/Red)	0	

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E Locus - e² (Cream, Australian Cattle Dog Type) 0

E Locus - e ³ (White, Alaskan and Siberian Husky Type)	0	
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H Locus (Harlequin, Great Dane type) h/h No harlequin

Hairlessness Rh/Rh Coated

Hairlessness (American Hairless Terrier Type) - rh ¹	0	
Hairlessness (Scottish Deerhound Type) - rh ²	0	

I Locus (Intensity) I/I Normal intensity

IC locus (Improper Coat/Furnishings) IC/IC No furnishings, improper coat

K Locus (Dominant Black) k^v/k^v Agouti expression allowed

L Locus (Long Hair/Fluffy) Lh¹/Lh¹ Longhaired (carries two copies of long hair)

L Locus (Long Hair/Fluffy) - Lh ¹	2	
L Locus (Long Hair/Fluffy) - Lh ² 0		
L Locus (Long Hair/Fluffy) - Lh ³ 0		
L Locus (Long Hair/Fluffy) - Lh ⁴	0	

Polydactyly (Common Variant) PD^{cv}/pd Likely polydactylous with hind dewclaws (typical toes carrier)

Polydactyly (Great Pyrenees Type) PD^{GP}/PD^{GP} Likely polydactylous with double hind dewclaws

R Locus (Roan/Ticked) r/r No roan or ticking

R Locus (Roan/Ticked) - R ^{Ti}	0	
R Locus (Roan/Ticked) - R	0	

S Locus (White Spotting, Parti, or Piebald) S/S No white spotting, flash, parti, or piebald

SD Locus (Shedding) SD/SD High shedding

Sex Determination - ZFX Y X/X Female

Social Behavior WT/M, WT/WT May demonstrate more social behavior

Social Behavior, Variant 1	1	
Social Behavior, Variant 2	0	

ST Locus (Screw Tail, Bulldog and Terrier Type) N/N No kinked or screw tail

T locus (Natural Bobtail) t/t Normal tail

Determinants of coat colors and traits are complex. Many of these variants are known and many of the genes screened by AKC DNA 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 AKC DNA 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.

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

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Diseases

Disease Name	Genotype	Interpretation
Acral Mutilation Syndrome	WT/WT	Normal (Clear)
Acute Respiratory Distress Syndrome	WT/WT	Normal (Clear)
Adult Paroxysmal Dyskinesia	WT/WT	Normal (Clear)
Afibrinogenemia (Dachshund Type)	WT/WT	Normal (Clear)
Alaskan Husky Encephalopathy	WT/WT	Normal (Clear)
Alaskan Malamute Polyneuropathy	WT/WT	Normal (Clear)
Amelogenesis Imperfecta (Italian Greyhound Type)	WT/WT	Normal (Clear)
Amelogenesis Imperfecta (Parson Russell Terrier Type)	WT/WT	Normal (Clear)
Amelogenesis Imperfecta (Samoyed Type)	WT/WT	Normal (Clear)
Ataxia (Norwegian Buhund Type)	WT/WT	Normal (Clear)
Benign Familial Juvenile Epilepsy	WT/WT	Normal (Clear)
Bernard-Soulier Syndrome	WT/WT	Normal (Clear)
Canine Multiple System Degeneration (Chinese Crested type)	WT/WT	Normal (Clear)
Canine Multiple System Degeneration (Kerry Blue Terrier type)	WT/WT	Normal (Clear)
Canine Scott Syndrome	WT/WT	Normal (Clear)
Cardiomyopathy and Juvenile Mortality	WT/WT	Normal (Clear)
Catalase Deficiency	WT/WT	Normal (Clear)
Centronuclear Myopathy	WT/WT	Normal (Clear)
Cerebellar Ataxia (Finnish Hound Type)	WT/WT	Normal (Clear)

Cerebellar Ataxia 1 (Belgian Shepherd Type) WT/WT Normal (Clear)

Cerebellar Ataxia 2 (Belgian Shepherd Type) WT/WT Normal (Clear)

Cerebellar Cortical Degeneration WT/WT Normal (Clear)

Cerebellar Degeneration WT/WT Normal (Clear)

Charcot-Marie-Tooth Disease WT/WT Normal (Clear)

Chondrodysplasia (Karelian Bear Dog and Norwegian Elkhound type) WT/WT Normal (Clear)

Chondrodystrophy with Intervertebral Disc Disease Risk Factor (CDDY
with IVDD) WT/WT Normal (Clear) - No CDDY or

Increased IVDD Risk

Cleft Palate and Syndactyly (Nova Scotia Duck Tolling Retriever Type) WT/WT Normal (Clear)

Coagulation Factor VII Deficiency WT/WT Normal (Clear)

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Collie Eye Anomaly WT/WT Normal (Clear)

Complement 3 Deficiency WT/WT Normal (Clear)

Cone Degeneration WT/WT Normal (Clear)

Cone Degeneration (German Shepherd Dog Type) WT/WT Normal (Clear)

Cone Degeneration (German Shorthaired Pointer Type) WT/WT Normal (Clear)

Cone Degeneration (Labrador Retriever Type) WT/WT Normal (Clear)

Congenital Hypothyroidism with Goiter (Spanish Water Dog Type) WT/WT Normal (Clear)

Congenital Hypothyroidism with Goiter (Terrier Type) WT/WT Normal (Clear)

Congenital Macrothrombocytopenia (Cairn and Norfolk Terrier Type) WT/WT Normal (Clear)

Congenital Methemoglobinemia WT/WT Normal (Clear)

Congenital Myasthenic Syndrome (Golden Retriever Type) WT/WT Normal (Clear)

Congenital Myasthenic Syndrome (Jack Russell Terrier Type) WT/WT Normal (Clear)

Congenital Myasthenic Syndrome (Labrador Retriever Type) WT/WT Normal (Clear)

Congenital Myasthenic Syndrome (Old Danish Pointer Type) WT/WT Normal (Clear)

Congenital Stationary Night Blindness WT/WT Normal (Clear)

Copper Storage Disease No Result No Result

Copper Toxicosis (Labrador Retriever Type) ATP7A WT/WT X-Linked Female Normal

Copper Toxicosis (Labrador Retriever Type) ATP7B WT/WT Normal (Clear)

Craniomandibular Osteopathy WT/WT Normal (Clear)

Cyclic Neutropenia WT/WT Normal (Clear)

Cystinuria (Australian Cattle Dog Type) WT/WT Normal (Clear)

Cystinuria (Labrador Retriever Type) WT/WT Normal (Clear)

Cystinuria (Miniature Pinscher Type) WT/WT Normal (Clear)

Cystinuria (Newfoundland Type) WT/WT Normal (Clear)

Cystinuria Type 3 (Bulldog Type Risk Factor, Variant 3) WT/WT Normal (Clear)

Cystinuria Type 3 (Bulldog Type Risk Factor, Variants 1 and 2) WT/WT Normal (Clear)

Cystinuria Type 3 (Bulldog Type Risk Factor, Variants 1)	0	
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Cystinuria Type 3 (Bulldog Type Risk Factor, Variants 2)	0	
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Dandy-Walker-Like Malformation WT/WT Normal (Clear)

Darier Disease and Associated Infundibular Cyst Formation WT/WT Normal (Clear)

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Deafness and Vestibular Dysfunction (Doberman Pinscher Type),

Variant 1 WT/WT Normal (Clear)

Deafness and Vestibular Dysfunction (Doberman Pinscher Type),

Variant 2 WT/WT Normal (Clear)

Degenerative Myelopathy (Bernese Mountain Dog Variant) WT/WT Normal (Clear)

Degenerative Myelopathy (Common Variant) WT/WT Normal (Clear)

Dental Hypomineralization WT/WT Normal (Clear)

Dermatomyositis aaBbcc (006:01/015:01) Low Risk

Diffuse Cystic Renal Dysplasia and Hepatic Fibrosis WT/WT Normal (Clear)

Dilated Cardiomyopathy (Doberman Pinscher Type Risk Factor, Variant
1) WT/WT Normal (Clear)

Dilated Cardiomyopathy (Doberman Pinscher Type Risk Factor, Variant
2) WT/WT Normal (Clear)

Dilated Cardiomyopathy (Schnauzer Type) WT/WT Normal (Clear)

Dry Eye Curly Coat Syndrome WT/WT Normal (Clear)

Dystrophic Epidermolysis Bullosa (Basset Hound Type) WT/WT Normal (Clear)

Dystrophic Epidermolysis Bullosa (Golden Retriever Type) WT/WT [Normal \(Clear\)](#)

Early Onset Adult Deafness (Rhodesian Ridgeback Type) WT/WT [Normal \(Clear\)](#)

Early Retinal Degeneration WT/WT [Normal \(Clear\)](#)

Early-Onset Epilepsy (Parson Russell Terrier Type) WT/WT [Normal \(Clear\)](#)

Ectodermal Dysplasia (Chesapeake Bay Retriever Type) WT/WT [Normal \(Clear\)](#)

Ectodermal Dysplasia, X-Linked (Dachshund Type) WT/WT [X-Linked Female Normal](#)

Ectodermal Dysplasia, X-Linked (Shepherd Type) WT/WT [X-Linked Female Normal](#)

Ehlers-Danlos Syndrome (Doberman Pinscher Type) WT/WT [Normal \(Clear\)](#)

Ehlers-Danlos Syndrome (Labrador Retriever Type), Variant 1 WT/WT [Normal \(Clear\)](#)

Ehlers-Danlos Syndrome (Labrador Retriever Type), Variant 2 WT/WT [Normal \(Clear\)](#)

Ehlers-Danlos Syndrome (Poodle Type, Variants 1 and 2) WT/WT [Normal \(Clear\)](#)

Ehlers-Danlos Syndrome (Poodle Type), Variant 1	0	
Ehlers-Danlos Syndrome (Poodle Type), Variant 2	0	

Elliptocytosis WT/WT [Normal \(Clear\)](#)

Epidermolytic Hyperkeratosis WT/WT [Normal \(Clear\)](#)

Episodic Falling Syndrome WT/WT [Normal \(Clear\)](#)

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Exercise-Induced Collapse WT/WT [Normal \(Clear\)](#)

Exfoliative Cutaneous Lupus Erythematosus (ECLE) WT/WT [Normal \(Clear\)](#)

Factor XI Deficiency WT/WT [Normal \(Clear\)](#)

Familial Nephropathy (Cocker Spaniel Type) WT/WT [Normal \(Clear\)](#)

Familial Nephropathy (English Springer Spaniel Type) WT/WT [Normal \(Clear\)](#)

Fanconi Syndrome WT/WT [Normal \(Clear\)](#)

Fucosidosis WT/WT [Normal \(Clear\)](#)

Gallbladder Mucoceles WT/WT [Normal \(Clear\)](#)

Glanzmann's Thrombasthenia (Great Pyrenees Type) WT/WT [Normal \(Clear\)](#)

Glanzmann's Thrombasthenia (Otterhound Type) WT/WT [Normal \(Clear\)](#)

Glaucoma (Border Collie Type) WT/WT [Normal \(Clear\)](#)

Globoid Cell Leukodystrophy (Irish Setter type) WT/WT [Normal \(Clear\)](#)

Globoid Cell Leukodystrophy (Terrier type) WT/WT [Normal \(Clear\)](#)

Glycogen Storage Disease Ia WT/WT [Normal \(Clear\)](#)

Glycogen Storage Disease IIIa WT/WT [Normal \(Clear\)](#)

Glycogen Storage Disease VII (Wachtelhund type) WT/WT [Normal \(Clear\)](#)

Glycogen Storage Disease VII, PFK Deficiency WT/WT [Normal \(Clear\)](#)

GM1 Gangliosidosis (Alaskan Husky Type) WT/WT [Normal \(Clear\)](#)

GM1 Gangliosidosis (Portuguese Water Dog Type) WT/WT [Normal \(Clear\)](#)

GM1 Gangliosidosis (Shiba Inu type) WT/WT [Normal \(Clear\)](#)

GM2 Gangliosidosis (Japanese Chin type) WT/WT [Normal \(Clear\)](#)

GM2 Gangliosidosis (Poodle Type) WT/WT [Normal \(Clear\)](#)

GM2 Gangliosidosis (Shiba Inu Type) WT/WT [Normal \(Clear\)](#)

Greyhound Polyneuropathy WT/WT [Normal \(Clear\)](#)

Hemophilia A (Boxer Type) WT/WT [X-Linked Female Normal](#)

Hemophilia A (German Shepherd Dog, Type 1) WT/WT [X-Linked Female Normal](#)

Hemophilia A (German Shepherd Dog, Type 2) WT/WT [X-Linked Female Normal](#)

Hemophilia A (Rhodesian Ridgeback Type) WT/WT [X-Linked Female Normal](#)

Hemophilia B (Cairn Terrier Type) WT/WT [X-Linked Female Normal](#)

Hemophilia B (Lhasa Apso type) WT/WT [X-Linked Female Normal](#)

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Hemophilia B (Rhodesian Ridgeback Type) WT/WT [X-Linked Female Normal](#)

Hereditary Ataxia (Australian Shepherd Type) WT/WT [Normal \(Clear\)](#)

Hereditary Cataracts WT/WT [Normal \(Clear\)](#)

Hereditary Cataracts (Australian Shepherd Type) WT/WT [Normal \(Clear\)](#)

Hereditary Cataracts (Wirehaired Pointing Griffon Type) WT/WT [Normal \(Clear\)](#)

Hereditary Footpad Hyperkeratosis (Irish Terrier and Kromfohrlander Type) WT/WT [Normal \(Clear\)](#)

Hereditary Footpad Hyperkeratosis (Rottweiler Type) WT/WT [Normal \(Clear\)](#)

Hereditary Nasal Parakeratosis (Greyhound Type) WT/WT [Normal \(Clear\)](#)

Hereditary Nasal Parakeratosis (Labrador Retriever Type) WT/WT [Normal \(Clear\)](#)

Hereditary Nephritis (Samoyed type) WT/WT [X-Linked Female Normal](#)

Hyperuricosuria WT/WT [Normal \(Clear\)](#)

Hypomyelination (Weimaraner Type) WT/WT [Normal \(Clear\)](#)

Ichthyosis (American Bulldog Type) WT/WT [Normal \(Clear\)](#)

Ichthyosis (Golden Retriever Type 1) WT/WT [Normal \(Clear\)](#)

Ichthyosis (Golden Retriever Type 2) WT/WT [Normal \(Clear\)](#)

Ichthyosis (Great Dane Type) WT/WT [Normal \(Clear\)](#)

Ichthyosis (Jack Russell Terrier Type) WT/WT [Normal \(Clear\)](#)

Inflammatory Myopathy (Shepherd Type) WT/WT [Normal \(Clear\)](#)

Inherited Myopathy of Great Danes WT/WT [Normal \(Clear\)](#)

Intestinal Cobalamin Malabsorption (Australian Shepherd Type) WT/WT [Normal \(Clear\)](#)

Intestinal Cobalamin Malabsorption (Beagle Type) WT/WT [Normal \(Clear\)](#)

Intestinal Cobalamin Malabsorption (Border Collie Type) WT/WT [Normal \(Clear\)](#)

Intestinal Cobalamin Malabsorption (Giant Schnauzer Type) WT/WT [Normal \(Clear\)](#)

Intestinal Lipid Malabsorption WT/WT [Normal \(Clear\)](#)

Junctional Epidermolysis Bullosa (Australian Shepherd Type) WT/WT [Normal \(Clear\)](#)

Juvenile Laryngeal Paralysis and Polyneuropathy (Black Russian Terrier Type) WT/WT [Normal \(Clear\)](#)

Juvenile Myoclonic Epilepsy (Rhodesian Ridgeback Type) WT/WT [Normal \(Clear\)](#)

L-2-Hydroxyglutaric Aciduria (Staffordshire Bull Terrier type) WT/WT [Normal \(Clear\)](#)

L-2-Hydroxyglutaric Aciduria (Yorkshire Terrier Type) WT/WT [Normal \(Clear\)](#)

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Lagotto Storage Disorder WT/WT [Normal \(Clear\)](#)

Late Onset Ataxia WT/WT [Normal \(Clear\)](#)

Lethal Acrodermatitis WT/WT [Normal \(Clear\)](#)

Leukocyte Adhesion Deficiency, Type I WT/WT [Normal \(Clear\)](#)

Leukocyte Adhesion Deficiency, Type III WT/WT [Normal \(Clear\)](#)

Leukoencephalomyelopathy WT/WT [Normal \(Clear\)](#)

Ligneous Membranitis WT/WT [Normal \(Clear\)](#)

Limb-Girdle Muscular Dystrophy (Dachshund Type) WT/WT [Normal \(Clear\)](#)

Lundehund Syndrome WT/WT [Normal \(Clear\)](#)

Macular Corneal Dystrophy (Labrador Retriever Type) WT/WT Normal (Clear)

Mammary Tumors (English Springer Spaniel Type Risk Factor) WT/WT Normal (Clear)

May-Hegglin Anomaly WT/WT Normal (Clear)

Microphthalmia (Soft Coated Wheaten Terrier Type) WT/WT Normal (Clear)

Mucopolysaccharidosis I (Plott Hound Type) WT/WT Normal (Clear)

Mucopolysaccharidosis IIIA (Dachshund Type) WT/WT Normal (Clear)

Mucopolysaccharidosis IIIA (New Zealand Huntaway type) WT/WT Normal (Clear)

Mucopolysaccharidosis IIIB (Schipperke Type) WT/WT Normal (Clear)

Mucopolysaccharidosis VI (Miniature Schnauzer Type) WT/WT Normal (Clear)

Mucopolysaccharidosis VII (Brazilian Terrier Type) WT/WT Normal (Clear)

Mucopolysaccharidosis VII (Shepherd Type) WT/WT Normal (Clear)

Multidrug Resistance 1 WT/WT Normal (Clear)

Multifocal Retinopathy 1 WT/WT Normal (Clear)

Multifocal Retinopathy 2 WT/WT Normal (Clear)

Multifocal Retinopathy 3 WT/WT Normal (Clear)

Muscular Dystrophy (Golden Retriever Type) WT/WT X-Linked Female Normal

Musladin-Lueke Syndrome WT/WT Normal (Clear)

Myostatin Deficiency (Whippet Type) WT/WT Normal (Clear)

Myotonia Congenita (Australian Cattle Dog type) WT/WT Normal (Clear)

Myotonia Congenita (Labrador Retriever Type) WT/WT Normal (Clear)

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Myotonia Congenita (Schnauzer Type) WT/WT Normal (Clear)

Myotubular Myopathy 1 (Boykin Spaniel Type) WT/WT X-Linked Female Normal

Myotubular Myopathy 1 (Labrador Retriever Type) WT/WT X-Linked Female Normal

Myotubular Myopathy 1 (Rottweiler Type) WT/WT X-Linked Female Normal

Narcolepsy (Dachshund Type) WT/WT Normal (Clear)

Narcolepsy (Doberman Pinscher Type) WT/WT Normal (Clear)

Narcolepsy (Labrador Retriever Type) WT/WT Normal (Clear)

Neonatal Ataxia WT/WT Normal (Clear)

Neonatal Cerebellar Cortical Degeneration WT/WT Normal (Clear)

Neonatal Encephalopathy with Seizures WT/WT [Normal \(Clear\)](#)

Neuroaxonal Dystrophy (Giant Schnauzer Type) WT/WT [Normal \(Clear\)](#)

Neuroaxonal Dystrophy (Papillon Type) WT/WT [Normal \(Clear\)](#)

Neuroaxonal Dystrophy (Rottweiler Type) WT/WT [Normal \(Clear\)](#)

Neuroaxonal Dystrophy (Spanish Water Dog Type) WT/WT [Normal \(Clear\)](#)

Neuronal Ceroid Lipofuscinosis (Tibetan Terrier Type) WT/WT [Normal \(Clear\)](#)

Neuronal ceroid lipofuscinosis 1 WT/WT [Normal \(Clear\)](#)

Neuronal Ceroid Lipofuscinosis 1 (Cane Corso Type) WT/WT [Normal \(Clear\)](#)

Neuronal ceroid Lipofuscinosis 10 WT/WT [Normal \(Clear\)](#)

Neuronal Ceroid Lipofuscinosis 12 WT/WT [Normal \(Clear\)](#)

Neuronal ceroid Lipofuscinosis 2 WT/WT [Normal \(Clear\)](#)

Neuronal ceroid Lipofuscinosis 4A WT/WT [Normal \(Clear\)](#)

Neuronal Ceroid Lipofuscinosis 5 (Golden Retriever Type) WT/WT [Normal \(Clear\)](#)

Neuronal Ceroid Lipofuscinosis 5 (Herding Dog Type) WT/WT [Normal \(Clear\)](#)

Neuronal ceroid Lipofuscinosis 6 WT/WT [Normal \(Clear\)](#)

Neuronal Ceroid Lipofuscinosis 7 WT/WT [Normal \(Clear\)](#)

Neuronal ceroid Lipofuscinosis 8 (Australian Shepherd type) WT/WT [Normal \(Clear\)](#)

Neuronal ceroid Lipofuscinosis 8 (Setter type) WT/WT [Normal \(Clear\)](#)

Nonsyndromic Hearing Loss (Rottweiler Type) WT/WT [Normal \(Clear\)](#)

Oculocutaneous Albinism (Doberman Pinscher Type) WT/WT [Normal \(Clear\)](#)

Oculocutaneous Albinism (Small Breed Type) WT/WT [Normal \(Clear\)](#)

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Osteochondrodysplasia WT/WT [Normal \(Clear\)](#)

Osteogenesis Imperfecta (Beagle Type) WT/WT [Normal \(Clear\)](#)

Osteogenesis Imperfecta (Dachshund Type) WT/WT [Normal \(Clear\)](#)

Osteogenesis Imperfecta (Golden Retriever Type) WT/WT [Normal \(Clear\)](#)

P2RY12 Receptor Platelet Disorder WT/WT [Normal \(Clear\)](#)

Pancreatitis (Miniature Schnauzer Type Risk Factor) WT/M Carrier (No increased risk)

Pancreatitis (Miniature Schnauzer Type Risk Factor), Variant 1	0	
Pancreatitis (Miniature Schnauzer Type Risk Factor), Variant 2 1		

Pembroke Welsh Corgi Duchenne Muscular Dystrophy WT/WT X-Linked Female Normal

Persistent Mullerian Duct Syndrome WT/WT Normal (Clear)

Pituitary Dwarfism (Shepherd Type) WT/WT Normal (Clear)

Polyneuropathy (Leonberger Type 1) WT/WT Normal (Clear)

Polyneuropathy (Leonberger Type 2) WT/WT Normal (Clear)

Polyneuropathy with Ocular Abnormalities and Neuronal Vacuolation WT/WT Normal (Clear)

Pompe Disease WT/WT Normal (Clear)

Prekallikrein Deficiency WT/WT Normal (Clear)

Primary Ciliary Dyskinesia (Alaskan Malamute Type) WT/WT Normal (Clear)

Primary Ciliary Dyskinesia (Old English Sheepdog Type) WT/WT Normal (Clear)

Primary Hyperoxaluria WT/WT Normal (Clear)

Primary Lens Luxation WT/WT Normal (Clear)

Primary Open Angle Glaucoma WT/WT Normal (Clear)

Primary Open Angle Glaucoma (Basset Fauve de Bretagne Type) WT/WT Normal (Clear)

Primary Open Angle Glaucoma (Basset Hound Type) WT/WT Normal (Clear)

Primary Open Angle Glaucoma (Norwegian Elkhound Type) WT/WT Normal (Clear)

Primary Open Angle Glaucoma and Primary Lens Luxation (Shar Pei Type) WT/WT Normal (Clear)

Progressive Retinal Atrophy (Basenji Type) WT/WT Normal (Clear)

Progressive retinal Atrophy (Bullmastiff/Mastiff Type) WT/WT Normal (Clear)

Progressive Retinal Atrophy (Giant Schnauzer Type) WT/WT Normal (Clear)

Progressive Retinal Atrophy (Irish Setter Type) WT/WT Normal (Clear)

Progressive Retinal Atrophy (Shetland Sheepdog Type) WT/WT Normal (Clear)

Progressive Retinal Atrophy (Sloughi Type) WT/WT Normal (Clear)

Progressive Retinal Atrophy (Swedish Vallhund Type) WT/WT Normal (Clear)

Progressive Retinal Atrophy, Cone-Rod Dystrophy (Dachshund Type) WT/WT Normal (Clear)

Progressive Retinal Atrophy, Cone-Rod Dystrophy 1 (American Staffordshire Terrier Type) WT/WT Normal (Clear)

Progressive Retinal Atrophy, Cone-Rod Dystrophy 2 (American Staffordshire Terrier Type) WT/WT Normal (Clear)

Progressive Retinal Atrophy, Cone-Rod Dystrophy 3 (Glen of Imaal Terrier Type) WT/WT Normal (Clear)

Progressive Retinal Atrophy, Cone-Rod Dystrophy 4 WT/WT Normal (Clear)

Progressive Retinal Atrophy, Early Onset (Spanish Water Dog Type) WT/WT Normal (Clear)

Progressive Retinal Atrophy, Early-Onset (Portuguese Water Dog Type) WT/WT Normal (Clear)

Progressive Retinal Atrophy, Generalized (Schapendoes Type) WT/WT Normal (Clear)

Progressive retinal Atrophy, Golden Retriever 1 WT/WT Normal (Clear)

Progressive retinal Atrophy, Golden Retriever 2 WT/WT Normal (Clear)

Progressive Retinal Atrophy, Late-Onset (Lapponian Herder Type) WT/WT Normal (Clear)

Progressive retinal Atrophy, PRA1 (Papillon Type) WT/WT Normal (Clear)

Progressive Retinal Atrophy, PRA3 (Tibetan Terrier and Spaniel Type) WT/WT Normal (Clear)

Progressive Retinal Atrophy, PRA4 (Lhasa Apso Type) WT/WT Normal (Clear)

Progressive Retinal Atrophy, Progressive Rod-Cone Degeneration WT/WT Normal (Clear)

Progressive Retinal Atrophy, Rod-Cone Dysplasia 2 (Collie Type) WT/WT Normal (Clear)

Progressive Retinal Atrophy, Rod-Cone Dysplasia 3 WT/WT Normal (Clear)

Progressive Retinal Atrophy, Rod-Cone Dysplasia 4 WT/WT Normal (Clear)

Progressive Retinal Atrophy, Syndromic Retinal Degeneration (Shetland Sheepdog Type) WT/WT Normal (Clear)

Progressive Retinal Atrophy, X-Linked 1 (Husky Type) WT/WT X-Linked Female Normal

Progressive Retinal Atrophy, X-linked 2 WT/WT X-Linked Female Normal

Protein Losing Nephropathy WT/WT, WT/WT Normal (Clear) - No Increased Risk

Protein Losing Nephropathy (Variant 1)	0	
Protein Losing Nephropathy (Variant 2)	0	

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/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 (Alpine Dachshund Type) WT/WT Normal (Clear)

Spinocerebellar Ataxia (Terrier Type) WT/WT Normal (Clear)

Spondylocostal Dysostosis WT/WT Normal (Clear)

Stargardt Disease WT/WT Normal (Clear)

Subacute Necrotizing Encephalopathy (Yorkshire Terrier Type) 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)

Ullrich Congenital Muscular Dystrophy (Labrador Retriever Type 1) WT/WT Normal (Clear)

Ullrich Congenital Muscular Dystrophy (Labrador Retriever Type 2) 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)