

DNA Test Report

Dog Information

TURTLECREEK A LITTLE SPICE IS NICE (Spice)
NAME

TRAIT TESTS (1/3)

Coat Color	RESULT	GENETIC RESULT
E Locus (MC1R)	No dark hairs anywhere	ee
K Locus (CBD103)	Not expressed	K ⁹ K ⁹
Intensity Loci	Any pigmented hair likely yellow or tan	Intermediate Red Pigmentation
A Locus (ASIP)	Not expressed	a ¹ a ¹
D Locus (MLPH)	Not expressed	DD
Cocoa (HPS3)	No co alleles, not expressed	NN
B Locus (TYRP1)	Likely black colored nose/feet	BB
Saddle Tan (RALY)	Not expressed	ll
S Locus (MITF)	Likely to have little to no white in coat	SS
M Locus (PMEL)	No merle alleles	mm
R Locus (USH2A)	Likely no impact on coat pattern	rr

DNA Test Report

Dog Information

TURTLECREEK A LITTLE SPICE IS NICE (Spice)
NAME

TRAIT TESTS (2/3)

Coat Color	RESULT	GENETIC RESULT
H Locus (Harlequin)	No harlequin alleles	hh
Panda White Spotting	Not expected to display Panda pattern	NN

Other Coat Traits	RESULT	GENETIC RESULT
Furnishings (RSPO2)	Likely unfurnished (no mustache, beard, and/or eyebrows)	ll
Coat Length (FGF5)	Likely short or mid-length coat	ShSh
Shedding (MC5R)	Likely heavy/seasonal shedding	CT
Coat Texture (KRT71)	Likely straight coat	CC
Hairlessness (FOX13)	Very unlikely to be hairless	NN
Hairlessness (SGK3)	Very unlikely to be hairless	NN
Oculocutaneous Albinism Type 2 (SLC45A2)	Likely not albino	NN

Other Body Features	RESULT	GENETIC RESULT
Muzzle Length (BMP3)	Likely medium or long muzzle	CC
Tail Length (T)	Likely normal-length tail	CC

DNA Test Report

Dog Information

TURTLECREEK A LITTLE SPICE IS NICE (Spice)
NAME

TRAIT TESTS (3/3)

Other Body Features	RESULT	GENETIC RESULT
Hind Dewclaws (LMBR1)	Unlikely to have hind dew claws	CC
Chondrodysplasia (Chr. 18 FGF4 Retrogene)	Not indicative of chondrodysplasia (normal leg length)	NN
Blue Eye Color (ALX4)	Less likely to have blue eyes	NN
Back Muscling & Bulk, Large Breed (ACSL4)	Likely normal muscling	CC

Body Size	RESULT	GENETIC RESULT
Body Size (IGF1)	Intermediate	NI
Body Size (IGF1)	Larger	GG
Body Size (STC2)	Larger	TT
Body Size (GHR - E191K)	Larger	GG
Body Size (GHR - P177L)	Larger	CC

Performance	RESULT	GENETIC RESULT
Altitude Adaptation (EPAS1)	Normal altitude tolerance	GG
Appetite (POMC)	Likely to be more food motivated	DD



DNA Test Report

Dog Information

TURTLECREEK A LITTLE SPICE IS NICE
 (Spice)
 NAME
 Female
 SEX
 October 13th, 2023
 DATE OF BIRTH
 Labrador Retriever
 BREED ANCESTRY
 n/a
 American Kennel Club (AKC) SS43937409
 MICROCHIP
 REGISTRATION

sandra reichert
 OWNER NAME
 Canine Genetic Health Screen
 TEST
 August 23rd, 2024
 TEST DATE

BREED HEALTH TESTS

DISEASE	GENE	GENOTYPE	RESULT	TESTING RECOMMENDED BY
Centronuclear Myopathy, CNM	PTPLA	NN	Clear	🟢
Copper Toxicosis (Accumulating)	ATP7B	GG	Clear	🟢
Copper Toxicosis (Attenuating)	ATP7A	CT	1 Variant	🟢
Degenerative Myelopathy, DM	SOD1A	GG	Clear	🟢
Exercise-Induced Collapse, EIC	DNM1	GG	Clear	🟢
Hereditary Nasal Parakeratosis, HNPk	SUV39H2	GG	Clear	🟢
Hyperuricosuria and Hyperuricemia or Urolithiasis, HUU	SLC2A9 (Exon 5)	GG	Clear	🟢
Macular Corneal Dystrophy, MCD	CHST6	CC	Clear	🟢
Narcolepsy	HCRT2	AA	Clear	🟢
Progressive Retinal Atrophy, prcd	PRCD Exon 1	GA	1 Variant	🟢
Pyruvate Kinase Deficiency	PKLR Exon 7 SNP Variant 1	CC	Clear	🟢
Skeletal Dysplasia 2, SD2	COL11A2	GG	Clear	🟢
Achromatopsia	CNGA3 (Exon 7 Deletion)	NN	Clear	✂️
Alexander Disease	GFAP (Exon 4)	GG	Clear	✂️
Canine Elliptocytosis	SPTB Exon 30	CC	Clear	✂️



DNA Test Report

Dog Information

TURTLECREAK A LITTLE SPICE IS NICE
(Spice)
NAME

Female
SEX

October 13th, 2023
DATE OF BIRTH

Labrador Retriever
BREED ANCESTRY

n/a

American Kennel Club (AKC) S543937409
REGISTRATION

MICROCHIP

sandra reichert
OWNER NAME

Canine Genetic Health Screen
TEST

August 23rd, 2024
TEST DATE

BREED HEALTH TESTS

DISEASE	GENE	GENOTYPE	RESULT	TESTING RECOMMENDED BY
Congenital Dyserythropoietic Anemia and Polymyopathy	EHPB1L1 Exon 5	GG	Clear	
Congenital Myasthenic Syndrome, CMS	COLQ (Exon 14)	TT	Clear	
Copper Toxicosis (Attenuating)	RETN Exon 2	CC	Clear	
Ehlers-Danlos Syndrome (EDS)	COL5A1 Exon 34	NN	Clear	
Golden Retriever Progressive Retinal Atrophy 2, GR-PRA2	TTC8 Exon 8	NN	Clear	
Laryngeal Paralysis and Polyneuropathy	CNTNAP1 Exon 18	GG	Clear	
Muscular Dystrophy-Dystroglycanopathy	LARGE1 Exon 11	CC	Clear	
Myotonia Congenita	CLCN1 Exon 19	AA	Clear	
Myotubular Myopathy 1, X-linked Myotubular Myopathy, XL-MTM	MTM1 (Exon 7)	CC	Clear	
Progressive Retinal Atrophy, crd4/cord1	RPGRIP1 (Exon 2)	NN	Clear	
Stargardt Disease	ABCA4 Exon 28	NN	Clear	
Ulrich-like Congenital Muscular Dystrophy	GOLGA3	GG	Clear	

This website uses cookies to enhance user experience and to analyze performance and traffic on our website. We also share information about your use of our site with our social media, advertising and analytics partners.

Accept cookies

[Cookies settings](#)