

Dog Information

Monica NAME	Female SEX
Labrador Retriever BREED ANCESTRY	September 25th, 2023 DATE OF BIRTH
n/a REGISTRATION	n/a MICROCHIP

Brittany N Pescara
OWNER NAME

Canine Genetic Health Screen
TEST

January 8th, 2024
TEST DATE

BREED HEALTH TESTS

DISEASE	GENE	GENOTYPE	RESULT	TESTING RECOMMENDED BY
Centronuclear Myopathy, CNM	PTPLA	NN	Clear	
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	HCRTR2	AA	Clear	
Progressive Retinal Atrophy, prcd	PRCD Exon 1	GG	Clear	
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	
Congenital Myasthenic Syndrome, CMS	COLQ (Exon 14)	TT	Clear	
Golden Retriever Progressive Retinal Atrophy 2, GR-PRA2	TTC8 Exon 8	NN	Clear	

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DISEASE	GENE	GENOTYPE	RESULT	TESTING RECOMMENDED BY
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	
Ullrich-like Congenital Muscular Dystrophy	COL6A3	GG	Clear	

Dog Information

BSL Yellowstone's "Monica" Dutton (Monica)
NAME

TRAIT TESTS (1/3)

Coat Color	RESULT	GENETIC RESULT
E Locus (MC1R)	No dark mask or grizzle	Ee
K Locus (CBD103)	More likely to have a mostly solid black or brown coat	K ^B K ^B
Intensity Loci	No impact on coat pattern	Intermediate Red Pigmentation
A Locus (ASIP)	Not expressed	a ^t a ^t
D Locus (MLPH)	Dark areas of hair and skin are not lightened	DD
Cocoa (HPS3)	No co alleles, not expressed	NN
B Locus (TYRP1)	Black or gray hair and skin	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

Canine Genetic Health Certificate™

Call Name:	Monica	Barcode:	25FB17492
Registered Name:	-	Registration:	-
Breed:	Labrador Retriever	Certificate Date:	19th Dec 2025
Sex:	Female	Microchip Number:	-
DOB:	-		

This canine's DNA showed the following genotype(s):

Breed Sense	Disease	Gene	Genotype	Interpretation
✓	Retinal Dysplasia/Oculoskeletal Dysplasia 1	COL9A3	WT/WT	NORMAL (N/N) - [NO VARIANT DETECTED]

BSL YELLOWSTONE'S "MONICA" DUTTON

SS43988604

F BLACK LABRADOR RETRIEVER

Born Sep 25 2023

Sire: SS30770001

Dam: SS21654901

Registry	Test Date	Report Date	Age(m)	Conclusion	OFA Number
ELBOW	Oct 1 2025	Oct 10 2025	24	NORMAL	LR-EL129240F24-C-PI
HIPS	Oct 1 2025	Oct 10 2025	24	EXCELLENT	LR-282679E24F-C-PI
PATELLA	Oct 1 2025	Oct 2 2025	24	NORMAL	LR-PA4399/24F/P-VPI
BASIC CARDIAC	Oct 1 2025	Oct 2 2025	24	NORMAL-PRACTITIONER	LR-BCA4537/24F/P-PI
EYES	Jan 10 2026	Jan 21 2026	27	NORMAL	LR-EYE34885/27F-VPI
ADVANCED CARDIAC	Jan 31 2026	Feb 4 2026	28	NORMAL AUSC+ECHO	LR-ACA6249/28F-VPI