

Dog Information

Luca NAME	Male SEX
Labrador Retriever BREED ANCESTRY	November 8th, 2024 DATE OF BIRTH
American Kennel Club (AKC) REGISTRATION	n/a MICROCHIP

Brittany N Pescara
OWNER NAME

Canine Genetic Health Screen
TEST

December 11th, 2025
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	CC	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	HCRT2	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	

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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)	CY	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

Hero Astorela BSL (Luka)
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:	Luca	Barcode:	25FB16357
Registered Name:		Registration:	
Breed:	Labrador Retriever	Certificate Date:	19th Dec 2025
Sex:	Male	Microchip Number:	688000000104479
DOB:	8th Nov 2024		

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]

HERO ASTORELA BSL

SS54664502

M BLACK LABRADOR RETRIEVER

Born Nov 8 2024

Sire: UR47481801

Dam: UR47482001

Registry	Test Date	Report Date	Age(m)	Conclusion	OFA Number
ELBOW	Nov 25 2025	Dec 8 2025	12	NORMAL	<i>Preliminary Evaluation</i>
HIPS	Nov 25 2025	Dec 8 2025	12	EXCELLENT	<i>Preliminary Evaluation</i>
PATELLA	Nov 25 2025	Dec 5 2025	12	NORMAL	LR-PA4471/12M/P-VPI
BASIC CARDIAC	Nov 25 2025	Dec 5 2025	12	NORMAL-PRACTITIONER	LR-BCA4692/12M/P-VPI
EYES	Jan 10 2026	Jan 21 2026	14	NORMAL	LR-EYE34887/14M-VPI

ORTHOPEDIC FOUNDATION FOR ANIMALS, INC.

HERO ASTORELA BSL
registered name

LABRADOR RETRIEVER
breed

186126
film/test/lab #

688000000104479
tattoo/microchip/DNA profile

2673824
application number

03/05/2026
date of report

RESULTS:

NORMAL: NO EVIDENCE OF CONGENITAL OR ADULT ONSET INHERITED HEART DISEASE -- AUSCULTATION & ECHO (NOTE: THE CONGENITAL CLEARANCE IS CONSIDERED PERMANENT; ADULT ONSET CLEARANCE VALID FOR 1 YEAR FROM TEST DATE 02/28/2026.)
EXAMINER: CM07-MEGAN MCLANE, DVM, DACVIM

SS54664502
registration no.

M
sex

11/08/2024
date of birth

15
age at evaluation in months



A Not-For-Profit Organization

LR-ACA6327/15M-VPI
O.F.A. NUMBER

This number issued with the right to correct or revoke by the Orthopedic Foundation for Animals.

owner
BRITTANY PESCARA
1080 COUNTY RD T3
GRAND RAPIDS OH 43522

OFA eCert



Verify QR scan

G.G. KELLER, DVM, MS, DACVR
CHIEF OF VETERINARY SERVICES

www.ofa.org

This electronic OFA certificate was generated on: 03/05/2026

This certification can be verified on the OFA website by entering the animal's registration number into the orange search box located at the top of the page or by scanning the QR code above.

If there are any errors on this certificate, please email CORRECTIONS@OFA.ORG to request a correction.

Orthopedic Foundation for Animals, Inc.
2300 E. Nifong Blvd.
Columbia, MO 65201-3806

OFA website: www.ofa.org
E-mail address: ofa@ofa.org
Phone number: 573-442-0418
Fax number: 573-875-5073