

Canine Genetic Health Certificate™

Call Name:	Gemma	Barcode:	26US06611
Registered Name:	Mistywoods Heavenly Garnet	Registration:	SS44464707
Breed:	Labrador Retriever	Certificate Date:	24th Jun 2026
Sex:	Female	Microchip Number:	956000018076077
DOB:	9th Oct 2023		

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

Breed Sense	Disease	Gene	Genotype	Interpretation
✓	Achromatopsia (Labrador Type)	CNGA3	WT/WT	NORMAL (N/N) - [NO VARIANT DETECTED]
✓	Macular Corneal Dystrophy (Labrador Type)	CHST6	WT/WT	NORMAL (N/N) - [NO VARIANT DETECTED]
✓	Ullrich-Like Muscular Dystrophy, Variant 1		WT/WT	NORMAL (N/N) - [NO VARIANT DETECTED]
✓	Stargardt Disease (Retinal Degeneration)	ABCA4	WT/WT	NORMAL (N/N) - [NO VARIANT DETECTED]
✓	Skeletal Dysplasia 2 (Mild Disproportionate Dwarfism)	COL11A2	WT/WT	NORMAL (N/N) - [NO VARIANT DETECTED]
✓	Retinal Dysplasia/Oculoskeletal Dysplasia 1	COL9A3	WT/WT	NORMAL (N/N) - [NO VARIANT DETECTED]

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✓	Pyruvate Kinase Deficiency (Labrador Type)	PKLR	WT/WT	NORMAL (N/N) - [NO VARIANT DETECTED]
✓	Progressive Rod Cone Degeneration (prcd) - PRA	PRCD	WT/WT	NORMAL (N/N) - [NO VARIANT DETECTED]
✓	Oculo-Skeletal Dysplasia (Labrador Retriever Type)	COL9A3	WT/WT	NORMAL (N/N) - [NO VARIANT DETECTED]
✓	Narcolepsy (Labrador)	HCRT2	WT/WT	NORMAL (N/N) - [NO VARIANT DETECTED]
✓	Myotubular Myopathy X-Linked (Labrador Retriever Type)	MTM1	WT/WT	NORMAL (N/N) - [NO VARIANT DETECTED]
✓	Myotonia Congenita (Labrador Retriever Type)	CLCN1	WT/WT	NORMAL (N/N) - [NO VARIANT DETECTED]

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✓	Malignant Hyperthermia	RYR1	WT/WT	NORMAL (N/N) - [NO VARIANT DETECTED]
✓	Hyperuricosuria	SLC2A9	WT/WT	NORMAL (N/N) - [NO VARIANT DETECTED]
✓	Centronuclear Myopathy (Labrador Retriever Type)	PTPLA	WT/WT	NORMAL (N/N) - [NO VARIANT DETECTED]
✓	Hereditary Nasal Parakeratosis/Dry Nose (Labrador Retriever Type)	SUV39H2	WT/WT	NORMAL (N/N) - [NO VARIANT DETECTED]
✓	Exercise Induced Collapse (Retriever Type)	DNM1	WT/WT	NORMAL (N/N) - [NO VARIANT DETECTED]
✓	Elliptocytosis B-spectrin (Labrador Retriever/Poodle Type)	SPTB	WT/WT	NORMAL (N/N) - [NO VARIANT DETECTED]

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✓	Ehlers-Danlos Syndrome (Labrador Type)	COL5A1	WT/WT	NORMAL (N/N) - [NO VARIANT DETECTED]
✓	Ehlers-Danlos Syndrome (Labrador Retriever Type), Variant 2	COL5A1	WT/WT	NORMAL (N/N) - [NO VARIANT DETECTED]
✓	Dyserythropoietic Anemia and Polymyopathy (DAMS) (Labrador Retriever)	EHBP1L1	WT/WT	NORMAL (N/N) - [NO VARIANT DETECTED]
✓	Degenerative Myelopathy	SOD1	WT/WT	NORMAL (N/N) - [NO VARIANT DETECTED]
✓	Cystinuria (SLC3A1) (Labrador Retriever Type)	SLC3A1	WT/WT	NORMAL (N/N) - [NO VARIANT DETECTED]
✓	Copper Toxicosis (ATP7B & ATP7A) (Labrador Retriever Type)	ATP7B and ATP7A	WT/WT WT/M	NORMAL (N/N) FOR ATP7B / CARRIER (P/N) FOR THE ATP7A VARIANT

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✓	Congenital Myasthenic Syndrome (Labrador Retriever Type)	COLQ	WT/WT	NORMAL (N/N) - [NO VARIANT DETECTED]
✓	Congenital Macrothrombocytopenia	TUBB1	WT/WT	NORMAL (N/N) - [NO VARIANT DETECTED]
✓	Ullrich-Like Muscular Dystrophy, Variant 2	COL6A2	WT/WT	NORMAL (N/N) - [NO VARIANT DETECTED]