

## Canine Genetic Health Certificate™

<b>Call Name:</b>	Mia	<b>Barcode:</b>	26FB27309
<b>Registered Name:</b>	Mia	<b>Registration:</b>	
<b>Breed:</b>	Goldendoodle	<b>Certificate Date:</b>	29th Jan 2026
<b>Sex:</b>	Female	<b>Microchip Number:</b>	-
<b>DOB:</b>	20th Nov 2020		

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

Breed Sense	Disease	Gene	Genotype	Interpretation
✔	von Willebrand's Disease Type I	VWF	WT/WT	NORMAL (N/N) - [NO VARIANT DETECTED]
✔	Centronuclear Myopathy (Labrador Retriever Type)	PTPLA	WT/WT	NORMAL (N/N) - [NO VARIANT DETECTED]
✔	Skeletal Dysplasia 2 (Mild Disproportionate Dwarfism)	COL11A2	WT/WT	NORMAL (N/N) - [NO VARIANT DETECTED]
✔	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]
✔	Osteogenesis Imperfecta (Golden Retriever Type)	COL1A1	WT/WT	NORMAL (N/N) - [NO VARIANT DETECTED]

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✔	Neuronal Ceroid Lipofuscinosis NCL (Golden Retriever Type)	CLN5	WT/WT	NORMAL (N/N) - [NO VARIANT DETECTED]
✔	Neonatal Encephalopathy (Poodle Type)	ATF2	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]
✔	Muscular Dystrophy (Golden Retriever Type)	DMD	WT/WT	NORMAL (N/N) - [NO VARIANT DETECTED]
✔	Malignant Hyperthermia	RYR1	WT/WT	NORMAL (N/N) - [NO VARIANT DETECTED]

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Breed Sense	Disease	Gene	Genotype	Interpretation
✓	Macular Corneal Dystrophy (Labrador Type)	CHST6	WT/WT	NORMAL (N/N) - [NO VARIANT DETECTED]
✓	Ichthyosis A (Golden Retriever)	PNPLA1	WT/MT	CARRIER (P/N) - [ONE COPY OF THE VARIANT DETECTED]
✓	Ichthyosis (Golden Retriever Type 2)		WT/WT	NORMAL (N/N) - [NO VARIANT DETECTED]
✓	Hyperuricosuria	SLC2A9	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]
✓	Dystrophic Epidermolysis Bullosa (Golden Retriever Type)	COL7A1	WT/WT	NORMAL (N/N) - [NO VARIANT DETECTED]

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Breed Sense	Disease	Gene	Genotype	Interpretation
✓	Congenital Eye Malformation (Golden Retriever)	SIX6	WT/WT	NORMAL (N/N) - [NO VARIANT DETECTED]
✓	Congenital Macrothrombocytopenia	TUBB1	WT/WT	NORMAL (N/N) - [NO VARIANT DETECTED]
✓	Congenital Myasthenic Syndrome (Labrador Retriever Type)	COLQ	WT/WT	NORMAL (N/N) - [NO VARIANT DETECTED]
✓	Generalised PRA 2 (Golden Retriever Type)	TTC8	WT/WT	NORMAL (N/N) - [NO VARIANT DETECTED]
✓	Degenerative Myelopathy	SOD1	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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✔	Exercise Induced Collapse (Retriever Type)	DNM1	WT/WT	NORMAL (N/N) - [NO VARIANT DETECTED]
✔	Gangliosidosis GM2 (Poodle Type)	HEXB	WT/WT	NORMAL (N/N) - [NO VARIANT DETECTED]
✔	Generalised PRA 1 (Golden Retriever Type)	SLC4A3	WT/WT	NORMAL (N/N) - [NO VARIANT DETECTED]
	Ehlers-Danlos Syndrome (Labrador Type)	COL5A1	WT/WT	NORMAL (N/N) - [NO VARIANT DETECTED]
	Osteochondrodysplasia (Min Poodle Type)	SLC13A1	WT/WT	NORMAL (N/N) - [NO VARIANT DETECTED]
	Congenital Methemoglobinemia (Poodle and Pomeranian Type)	CYB5R3	WT/WT	NORMAL (N/N) - [NO VARIANT DETECTED]

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	Chondrodystrophy with Intervertebral Disc Disease Risk Factor (CDDY with IVDD)			NORMAL (N/N) - NO CHONDRODYSTROPHY (CDDY) VARIANT DETECTED (NO INCREASED IVDD RISK)
	Stargardt Disease (Retinal Degeneration)	ABCA4	WT/WT	NORMAL (N/N) - [NO VARIANT DETECTED]
	Achromatopsia (Labrador Type)	CNGA3	WT/WT	NORMAL (N/N) - [NO VARIANT DETECTED]