

Canine Genetic Health Certificate™

Call Name:	Tuxedo Bear	Barcode:	25A164783
Registered Name:		Registration:	
Breed:	Miniature Australian Shepherd	Certificate Date:	27th Aug 2025
Sex:	Male	Microchip Number:	-
DOB:	17th May 2025		

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

Breed Sense	Disease	Gene	Genotype	Interpretation
✓	Achromatopsia (Shepherd/Arctic Breed Type)	CNGB3	WT/WT	NORMAL (N/N) - [NO VARIANT DETECTED]
✓	Factor VII Deficiency	F7	WT/WT	NORMAL (N/N) - [NO VARIANT DETECTED]
✓	Neuronal Ceroid Lipofuscinosis 6 (Australian Shepherd Type)	CLN6	WT/WT	NORMAL (N/N) - [NO VARIANT DETECTED]
✓	Ivermectin Sensitivity MDR1 (Multi Drug Resistance)	MDR1	WT/WT	NORMAL (N/N) - [NO VARIANT DETECTED]
✓	Intestinal Cobalamin Malabsorption (Australian Shepherd Type)	AMN		PENDING [RESULT IS PROCESSING]
✓	Hereditary Cataract (Dominant)		WT/WT	NORMAL (N/N) - [NO VARIANT DETECTED]

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✓	Hereditary Ataxia (Australian Shepherd Type)	RAB24	WT/WT	NORMAL (N/N) - [NO VARIANT DETECTED]
✓	Hereditary Cataract	HSF4	WT/WT	NORMAL (N/N) - [NO VARIANT DETECTED]
✓	Exercise Induced Collapse (Retriever Type)	DNM1	WT/WT	NORMAL (N/N) - [NO VARIANT DETECTED]
✓	Chondrodystrophy (CDDY) & Intervertebral Disc Disease (IVDD) [RESEARCH ONLY]		WT/WT WT/WT	NORMAL (N/N) FOR BOTH THE CFA18 (SHORT LIMB) & CFA12 (IVDD)
✓	von Willebrand's Disease Type I	VWF	WT/WT	NORMAL (N/N) - [NO VARIANT DETECTED]
	Degenerative Myelopathy	SOD1	WT/WT	NORMAL (N/N) - [NO VARIANT DETECTED]

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	Adult Onset Deafness Border Collie (Linkage Association Test)	USP31		NORMAL (N/N) FOR THE EAOD RISK VARIANT [RESEARCH ONLY]
	Craniomandibular Osteopathy (Terrier Type)	SLC37A2	WT/WT	NORMAL (N/N) - [NO VARIANT DETECTED]
	Hyperuricosuria	SLC2A9	WT/WT	NORMAL (N/N) - [NO VARIANT DETECTED]
	Collie Eye Anomaly/Choroidal Hypoplasia	NHEJ1	WT/WT	NORMAL (N/N) - [NO VARIANT DETECTED]
	Cobalamin Malabsorption: Cubilin Deficiency (Border Collie Type)	CUBN	WT/WT	NORMAL (N/N) - [NO VARIANT DETECTED]
	Multifocal Retinopathy CMR1 (Mastiff/Bull Breeds Type)	BEST1	WT/WT	NORMAL (N/N) - [NO VARIANT DETECTED]

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	Neuronal Ceroid Lipofuscinosis 5 (Border Collie Type)	CLN5	WT/WT	NORMAL (N/N) - [NO VARIANT DETECTED]
	Progressive Rod Cone Degeneration (prcd) - PRA	PRCD	WT/WT	NORMAL (N/N) - [NO VARIANT DETECTED]