

## Canine Genetic Health Certificate™

<b>Call Name:</b>	Teddy	<b>Barcode:</b>	24E89796
<b>Registered Name:</b>	Teddy	<b>Registration:</b>	-
<b>Breed:</b>	Border Collie	<b>Certificate Date:</b>	13th Jun 2024
<b>Sex:</b>	Male	<b>Microchip Number:</b>	953010005799330
<b>DOB:</b>	9th Jul 2022		

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

Breed Sense	Disease	Gene	Genotype	Interpretation
✔	Adult Onset Deafness Border Collie (Linkage Association Test)	USP31		NORMAL (N/N) FOR THE EAOD RISK VARIANT [RESEARCH ONLY]
✔	Cobalamin Malabsorption: Cubilin Deficiency (Border Collie Type)	CUBN	WT/WT	NORMAL (N/N) - [NO VARIANT DETECTED]
✔	Collie Eye Anomaly/Choroidal Hypoplasia	NHEJ1	WT/WT	NORMAL (N/N) - [NO VARIANT DETECTED]
✔	Cystinuria (SLC3A1) (Australian Cattle Dog Type)	SLC3A1	WT/WT	NORMAL (N/N) - [NO VARIANT DETECTED]
✔	Degenerative Myelopathy	SOD1	WT/WT	NORMAL (N/N) - [NO VARIANT DETECTED]
✔	Duchenne Muscular Dystrophy (Border Collie Type)	DMD_465_Del	WT/WT	NORMAL (N/N) - [NO VARIANT DETECTED]

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<b>Sex:</b>	Male	<b>Microchip Number:</b>	953010005799330
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This canine's DNA showed the following genotype(s):

Breed Sense	Disease	Gene	Genotype	Interpretation
✓	Goniodysgenesis and Glaucoma (Border Collie)	OLFML3	WT/WT	NORMAL (N/N) - [NO VARIANT DETECTED]
✓	Ivermectin Sensitivity MDR1 (Multi Drug Resistance)	MDR1	WT/WT	NORMAL (N/N) - [NO VARIANT DETECTED]
✓	Myotonia Hereditaria (Cattle Dog Type)	CLCN1	WT/WT	NORMAL (N/N) - [NO VARIANT DETECTED]
✓	Neuronal Ceroid Lipofuscinosis 5 (Border Collie Type)	CLN5	WT/WT	NORMAL (N/N) - [NO VARIANT DETECTED]
✓	Raine Syndrome Dental Hypomineralisation (Border Collie)	FAM20C	WT/WT	NORMAL (N/N) - [NO VARIANT DETECTED]
✓	Sensory Neuropathy (Border Collie Type)		WT/WT	NORMAL (N/N) - [NO VARIANT DETECTED]

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

Breed Sense	Disease	Gene	Genotype	Interpretation
✓	Trapped Neutrophil Syndrome (Border Collie Type)	VPS13B	WT/WT	NORMAL (N/N) - [NO VARIANT DETECTED]