

Canine Genetic Health Certificate™

Call Name:	Bo	Barcode:	24A107057
Registered Name:	-	Registration:	-
Breed:	Miniature American Shepherd	Certificate Date:	11th Jul 2024
Sex:	Female	Microchip Number:	900235000410478
DOB:	3rd Apr 2021		

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]
✔	Collie Eye Anomaly/Choroidal Hypoplasia	NHEJ1	WT/WT	NORMAL (N/N) - [NO VARIANT DETECTED]
✔	Hereditary Cataract (Dominant)		WT/WT	NORMAL (N/N) - [NO VARIANT DETECTED]
✔	Hyperuricosuria	SLC2A9	WT/WT	NORMAL (N/N) - [NO VARIANT DETECTED]
✔	Ivermectin Sensitivity MDR1 (Multi Drug Resistance)	MDR1		POSITIVE HETEROZYGOUS (P/N) - [ONE COPY OF THE DOMINANT VARIANT DETECTED]
✔	Neuronal Ceroid Lipofuscinosis 6 (Australian Shepherd Type)	CLN6	WT/WT	NORMAL (N/N) - [NO VARIANT DETECTED]

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✓	Progressive Rod Cone Degeneration (prcd) - PRA	PRCD	WT/WT	NORMAL (N/N) - [NO VARIANT DETECTED]
	Chondrodysplasia (CDPA) & Chondrodystrophy (CDDY and IVDD)*		WT/WT WT/WT	NORMAL (N/N) FOR BOTH THE CFA18 (CDPA - SHORT LIMB) & CFA12 (CDDY - IVDD)
	Degenerative Myelopathy	SOD1	WT/WT	NORMAL (N/N) - [NO VARIANT DETECTED]
	Multifocal Retinopathy CMR1 (Mastiff/Bull Breeds Type)	BEST1	WT/WT	NORMAL (N/N) - [NO VARIANT DETECTED]