Canine Genetic Health Certificate™

Call Name:	Zara	**Barcode:**	26US07016
Registered Name:	Lone Pine's Painted Blue Jeans	**Registration:**	DN78760803
Breed:	Miniature American Shepherd	**Certificate Date:**	22nd Apr 2026
Sex:	Female	**Microchip Number:**	956000018561997
DOB:	10th Apr 2024		

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]
✓	Chondrodystrophy with Intervertebral Disc Disease Risk Factor (CDDY with IVDD)			NORMAL (N/N) - NO CHONDRODYSTROPHY (CDDY) VARIANT DETECTED (NO INCREASED IVDD RISK)
✓	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	WT/WT	NORMAL (N/N) - [NO VARIANT DETECTED]

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Breed Sense	Disease	Gene	Genotype	Interpretation
✓	Neuroaxonal Dystrophy (Miniature American Shepherd Type)	RNF170	WT/WT	NORMAL (N/N) - [NO VARIANT DETECTED]
✓	Neuronal Ceroid Lipofuscinosis 6 (Australian Shepherd Type)	CLN6	WT/WT	NORMAL (N/N) - [NO VARIANT DETECTED]
✓	Progressive Rod Cone Degeneration (prcd) - PRA	PRCD	WT/WT	NORMAL (N/N) - [NO VARIANT DETECTED]
	Craniomandibular Osteopathy (Terrier Type)	SLC37A2	WT/WT	NORMAL (N/N) - [NO VARIANT DETECTED]
	Degenerative Myelopathy	SOD1	WT/WT	NORMAL (N/N) - [NO VARIANT DETECTED]
	Hereditary Ataxia (Australian Shepherd Type)	RAB24	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
	Intestinal Cobalamin Malabsorption (Australian Shepherd Type)	AMN	WT/WT	NORMAL (N/N) - [NO VARIANT DETECTED]
	Multifocal Retinopathy CMR1 (Mastiff/Bull Breeds Type)	BEST1	WT/MT	CARRIER (P/N) - [ONE COPY OF THE VARIANT DETECTED]