

3382 Capital Circle NE  
Tallahassee, FL 32308

## Genetic Testing Report

### Sunny

Submitted By
Kristie Walden
[REDACTED]

Owned By
Kristie Walden
[REDACTED]

#### Subject Dog

<b>Name:</b> Sunny	<b>Lab Reference #:</b> 914127
<b>Breed:</b> Australian Mountain Dog	<b>Sample Date:</b> 07/09/2025
<b>Phenotype:</b> Tri Merle	<b>Research Date:</b> 01/31/2026
<b>Sex:</b> Female	
<b>Birth:</b> --/--/----	

#### Disorder Results(10 of 22)

CD	n/n	Clear: Dog is negative for the mutation associated with Cone Degeneration.
CEA	n/n	Negative: Dog is negative for the mutation associated with Collie Eye Anomaly.
CMR1	n/n	Clear: Dog is negative for the mutation associated with CMR1.
DM	n/n	Clear: Dog is negative for mutation associated with Degenerative Myelopathy.
DM-B	n/n	Clear: Dog is negative for mutation associated with Degenerative Myelopathy-b.
HC	n/n	Clear: Dog is negative for the HSF4-HC gene mutation associated with bilateral posterior cataracts.
HUU	n/n	Clear: Dog is negative for the mutation associated with Hyperuricosuria.
MDR1	n/n	Clear: Dog is negative for the mutation associated with MDR1.
PRA-prcd	n/n	Negative: Dog is negative for the mutation associated with prcd-PRA.
vWD1	n/n	Clear: Dog is negative for the mutation associated with von Willebrand's Disease Type I.

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Color Results(6 of 22)		
A-Locus	<b>at/at</b>	Dog has two copies of the gene causing tan points.
Albinism	<b>n/n</b>	Dog is negative for the allele causing albinism in some small breeds.
B-Locus	<b>B/B</b>	Dog does not carry the mutation for most forms of chocolate coloration.
D-Locus	<b>D/D</b>	Negative: Dog is negative for the mutation associated with a diluted coat color.
E-Locus (E, EM, eA, eW, e)	<b>E/E</b>	Dog is negative for cream/yellow, mask, and ancient red.
K-Locus	<b>n/n</b>	Dog is negative for the KB allele, and the coat coloration will be based on the agouti genotype.
Pattern Results(2 of 22)		
Merle	<b>n/M</b>	Heterozygous: Dog has one copy of the merle allele
S-Locus	<b>n/n</b>	Negative: Dog is negative for the S-Locus. No white spotting will be present.
Trait Results(4 of 22)		
Curl 1&2	<b>n/n</b>	The dog is negative for the hair curl allele. The dog will have non-curly hair, and will always pass on the allele responsible for non-curly hair to any offspring
Furnishings	<b>n/n</b>	Non-Furnished: Dog is negative for the furnishings mutation.
Hair Length (1-5)	<b>l<sup>1</sup>/l<sup>1</sup></b>	Two copies of the long-hair allele, dog will have longer than average hair per the breed standard.
Shedding	<b>n/SD</b>	Dog carries one copy of the shedding allele. The dog will have an average propensity towards shedding.