

3382 Capital Circle NE  
Tallahassee, FL 32308

## Genetic Testing Report

### Maverick

Submitted By	Owned By
<p>Kelly West 8377 County Road B PO Box E Jaroso, CO 81138 USA</p>	<p>Kelly West 8377 County Road B PO Box E Jaroso, CO 81138 USA</p>

Subject Dog		
<b>Name:</b> Maverick	<b>Lab Reference #:</b> 880816	
<b>Breed:</b> Australian Shepherd	<b>Sample Date:</b> 03/18/2025	
<b>Phenotype:</b> Blue Merle	<b>Research Date:</b> 03/18/2025	
<b>Sex:</b> Male		
<b>Birth:</b> 10/19/2024		

Disorder Results(8 of 18)		
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.
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.



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#### Color Results(5 of 18)

A-Locus	<b>at/at</b>	Dog has two copies of the gene causing tan points.
B-Locus	<b>B/b</b>	Dog carries one copy of the gene responsible for chocolate /brown coloration
D-Locus	<b>D/D</b>	Negative: Dog is negative for the mutation associated with a diluted coat color.
E-Locus	<b>EM/EM</b>	Dog is negative for cream/yellow and has two copies of mask.
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(1 of 18)

S-Locus	<b>n/n</b>	Negative: Dog is negative for the S-Locus. No white spotting will be present.
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#### Trait Results(4 of 18)

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>I<sup>1</sup>/I<sup>1</sup></b>	Two copies of the long-hair allele, dog will have longer than average hair per the breed standard.
Shedding	<b>SD/SD</b>	Dog has two copies of the shedding allele. The dog will have a higher propensity towards shedding.