

3382 Capital Circle NE  
Tallahassee, FL 32308

## Genetic Testing Report

### Pure Heavens South Dakotah

#### Submitted By

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#### Owned By

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#### Subject Dog

**Name:** Pure Heavens South Dakotah  
**Breed:** Labrador Retriever  
**Phenotype:** chocolate  
**Sex:** Female  
**Birth:** 04/17/2022

**Lab Reference #:** 753805  
**Sample Date:** 09/29/2023  
**Research Date:** 09/29/2023  
**Microchip:** 956000015069565  
**American Kennel Club:** SS33500710

#### Dam

**Dam:** Goldens Mocha  
**Breed:** Labrador Retriever  
**Phenotype:** Chocolate  
**Pure Heaven Labs:** SS00887206

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Disorder Results(11 of 21)		
CM	n/n	Clear: Dog is negative for the mutation associated with CNM.
CT	n/n	Clear: Dog is negative for the mutation associated with Copper Toxicosis.
CT-D	P/P	Dog carries two copies of the allele associated with preventing copper accumulation in affected dogs. The affect of this allele is stronger in male dogs.
CY (LR)	n/n	Dog is negative for the mutation associated with Cystinuria.
DM	n/n	Clear: Dog is negative for mutation associated with Degenerative Myelopathy.
EIC	n/n	Clear: Dog is negative for mutation associated with Exercise-Induced Collapse.
HNPk	n/n	Clear: Dog is negative for the mutation associated with HNPk.
HUU	n/n	Clear: Dog is negative for the mutation associated with Hyperuricosuria.
PKD	n/n	Clear: Dog is negative for the mutation associated with Pyruvate Kinase Deficiency.
PRA-prcd	n/n	Negative: Dog is negative for the mutation associated with prcd-PRA.
SD2	n/n	Clear: Dog is negative for the mutation associated with Skeletal Dysplasia 2.
Color Results(5 of 21)		
A-Locus	at/a	Dog has tan points and carries recessive black.
B-Locus	b/b	Dog has two copies of the brown/chocolate gene.
D-Locus	D/D	Negative: Dog is negative for the mutation associated with a diluted coat color.
E-Locus	E/E	Dog is negative for cream/yellow and negative for mask.
K-Locus	K <sup>B</sup> /K <sup>B</sup>	Dog has two copies of the KB allele, and will not express the agouti phenotype.
Pattern Results(1 of 21)		
S-Locus	n/n	Negative: Dog is negative for the S-Locus. No white spotting will be present.

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#### Trait Results(4 of 21)

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/L</b>	Negative for long coat allele
Shedding	<b>SD/SD</b>	Dog has two copies of the shedding allele. The dog will have a higher propensity towards shedding.