

# Genetic Testing Report

## Cocoa

**Submitted By**

Kristie Walden

**Owned By**

Kristie Walden

**Subject Dog**

Dog Name: **Cocoa**  
 Breed: **Bernedoodle**  
 Phenotype: **Tri**  
 Sex: **Female**  
 Birth:

Lab Reference #: [REDACTED]

**Disorder Results (7 of 18)**

CDPA	<b>N/N</b>	Clear: Dog is negative for the CDPA mutation.
CDDY	<b>N/N</b>	Clear: Dog is negative for the mutation associated with CDDY.
DM-B	<b>n/n</b>	Clear: Dog is negative for mutation associated with Degenerative Myelopathy-b.
DM	<b>n/n</b>	Clear: Dog is negative for mutation associated with Degenerative Myelopathy.
NEwS	<b>n/n</b>	Clear: Dog is negative for mutation associated with NEwS.
PRA-prcd	<b>n/n</b>	Negative: Dog is negative for the mutation associated with prcd-PRA.
vWD1	<b>n/n</b>	Clear: Dog is negative for the mutation associated with von Willebrand's Disease Type I.

**Color Results (6 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 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 carries one copy of cream/yellow and is negative for ancient red and mask.
I Locus	<b>n/Int</b>	Dog has one copy of the allele associated with lighter phaeomelanin pigment.
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>S/S</b>	Homozygous: Dog has two copies of S-Locus resulting in a nearly solid white, parti, or piebald coat color.
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**Trait Results (4 of 18)**

Curl 1&2	<b>n/C<sup>2</sup></b>	Dog has one copy of the C2 mutation associated with curly or wavy coat. The dog can pass on a copy of either allele to any offspring.
Furnishings	<b>F/F</b>	Furnished: Dog has two copies of the furnishings mutation and will always produce offspring with a furnished coat.
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>n/SD</b>	Dog carries one copy of the shedding allele. The dog will have an average propensity towards shedding.

**Invoice For Order 498666****Order date: 07/21/25****Bill To**

Kristie Walden

**Cocoa** (Canine - Bernedoodle)

Bernedoodle Complete Panel (Coat Color, Coat Type, Disorders)

