

3382 Capital Circle NE  
Tallahassee, FL 32308

## Genetic Testing Report

### Bentley

Submitted By	Owned By
Marlin Troyer	Marlin Troyer  3843 Township Road #374 Millersburg, OH 44654 USA

Subject Dog	Lab Reference #:
<b>Name:</b> Bentley <b>Breed:</b> Bernedoodle <b>Phenotype:</b> Tri <b>Sex:</b> Male <b>Birth:</b> 12/05/2021	<b>780511</b> <b>Sample Date:</b> 12/07/2023 <b>Research Date:</b> 12/07/2023 <b>Microchip:</b> 991003001216598

Disorder Results(7 of 17)		
CDDY	N/N	Clear: Dog is negative for the mutation associated with CDDY.
CDPA	N/N	Clear: Dog is negative for the CDPA mutation.
DM	n/n	Clear: Dog is negative for mutation associated with Degenerative Myelopathy.
DM-B	n/DM-b	Heterozygous: Dog carries one copy of the mutation associated with Degenerative Myelopathy-b. The mutated copy may be passed on to any offspring.
NEwS	n/n	Clear: Dog is negative for mutation associated with NEwS.
PRA-prcd	n/P	Carrier: Dog is a carrier of the PRA-prcd mutation. Dog will not be affected by PRA-prcd but may pass the mutation to offspring.
vWD1	n/n	Clear: Dog is negative for the mutation associated with von Willebrand's Disease Type I.

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#### Color Results(5 of 17)

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>E/e</b>	Dog carries one copy of cream/yellow and is negative for 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 17)

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 17)

Curl 1&2	<b>c<sup>1</sup>/c<sup>1</sup></b>	The dog has two copies of the hair curl allele. The dog will have curly hair, and will always pass on a copy of the hair curl allele to any offspring. All offspring of this dog will have curly hair.
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>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.