

3382 Capital Circle NE
Tallahassee, FL 32308

Genetic Testing Report

Cassy

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

Subject Dog	
Name: Cassy	Lab Reference #: 642527
Breed: Miniature Bernedoodle	Sample Date: 12/14/2022
Phenotype:	Research Date: 03/24/2023
Sex: Female	Microchip: 991003001347914
Birth: 09/15/2022	

Disorder Results(7 of 14)		
CDDY	C/C	At Risk: Dog has two copies for the CDDY mutation. Dog is at higher risk for IVDD.
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/n	Dog is negative for both mutations associated with Degenerative Myelopathy in Bernese Mountain Dogs.
NEwS	n/n	Clear: Dog is negative for mutation associated with NEwS.
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.

Color Results(5 of 14)		
A-Locus	at/at	Dog has two copies of the gene causing tan points.
B-Locus	B/B	Dog does not carry the mutation for most forms of chocolate coloration.
D-Locus	D/D	Negative: Dog is negative for the mutation associated with a diluted coat color.
E-Locus	e/e	Dog has two copies of cream/yellow.
K-Locus	n/n	Dog is negative for the KB allele, and the coat coloration will be based on the agouti genotype.

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Pattern Results(2 of 14)

Merle	n/n	Clear: Dog is negative for the mutation associated with merle.
S-Locus	n/S	Heterozygous: Dog has one copy of S-Locus. Results vary according to breed, with some limited white spotting in some breeds.