



Animal Genetics

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3382 Capital Circle NE
Tallahassee, FL 32308

Genetic Testing Report

Chip

Submitted By

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Subject Dog

Dog Name: **Chip**
Breed: **Bernedoodle**
Phenotype: **Black Tri**
Sex: **Male**
Birth:

Lab Reference #: **672973**

Disorder Results (4 of 14)

DM-b	n/DM	Dog carries one copy of the mutation associated with Degenerative Myelopathy, and is negative for the mutation associated with DM 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 carries one copy of cream/yellow and is negative for mask.
K-Locus	n/n	Dog is negative for the KB allele, and the coat coloration will be based on the agouti genotype.

Pattern Results (1 of 14)

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 14)

Curl 1&2	n/C ¹	The dog will have curly hair, and carries the gene responsible for non-curly hair. The dog can pass on a copy of either allele to any offspring.
Hair Length (1-5)	l ¹ /l ¹	Two copies of the long-hair allele, dog will have longer than average hair per the breed standard.
Shedding	SD/SD	Dog has two copies of the shedding allele. The dog will have a higher propensity towards shedding.
Furnishings	F/F	Furnished: Dog has two copies of the furnishings mutation and will always produce offspring with a furnished coat.