Animal Genetics

3382 Capital Circle NE
Tallahassee, FL 32308

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Genetic Testing Report

Berry Patch Ellie

Submitted By

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Berry Patch Puppies

Subject Dog

Dog Name: **Berry Patch Ellie**
Breed: **Bernese Mountain Dog**
Phenotype: **Tri**
Sex: **Female**
Birth: **Mar 29, 2024**

Lab Reference #: **1007086**

Disorder Results (3 of 13)

DM-B	**n/n**	Clear: Dog is negative for mutation associated with Degenerative Myelopathy-b.
DM	**n/n**	Clear: Dog is negative for mutation associated with Degenerative Myelopathy.
vWD1	**n/n**	Clear: Dog is negative for the mutation associated with von Willebrand's Disease Type I.

Color Results (5 of 13)

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 is negative for cream/yellow and 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 13)

S-Locus	**n/n**	Negative: Dog is negative for the S-Locus. No white spotting will be present.

Trait Results (4 of 13)

Curl 1&2	**n/n**	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	**n/n**	Non-Furnished: Dog is negative for the furnishings mutation.
Hair Length (1-5)	**I^1/I^1**	Two copies of the long-hair allele, dog will have longer than average hair per the breed standard.
Shedding	**n/SD**	Dog carries one copy of the shedding allele. The dog will have an average propensity towards shedding.