Animal Genetics

3382 Capital Circle NE
Tallahassee, FL 32308

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Genetic Testing Report

Berry Patch MR Blue

Submitted By

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Berry Patch Puppies

Subject Dog

Dog Name: **Berry Patch MR Blue**
Breed: **Miniature Bernedoodle**
Phenotype:
Sex: **Male**
Birth:

Lab Reference #: **707893**
Microchip: **202105000085836**

Disorder Results (6 of 17)

CDPA	**N/N**	Clear: Dog is negative for the CDPA mutation.
CDDY	**N/N**	Clear: Dog is negative for the mutation associated with CDDY.
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 17)

A-Locus	**at/at**	Dog has two copies of the gene causing tan points.
B-Locus	**B/b**	Dog carries one copy of the gene responsible for chocolate/brown 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 (2 of 17)

Merle	**n/M**	Heterozygous: Dog has one copy of the merle allele
S-Locus	**n/n**	Negative: Dog is negative for the S-Locus. No white spotting will be present.

Trait Results (4 of 17)

Curl 1&2	**C^1/C^1**	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	**F/F**	Furnished: Dog has two copies of the furnishings mutation and will always produce offspring with a furnished coat.
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/n**	Dog has no copies of the shedding allele. The dog will have a low propensity towards shedding.