

Canine Genetic Testing Report



Submitted By

Erma Yoder
Angel Breeze Puppies
29490 SR 93
Fresno, OH 43824

Subject Dog 00267154 Date Received: 6/4/2021

Dog Name: Major **Registration:**
Breed: Bernese Mountain Dog **Microchip:**
Phenotype: **Sex:** Male **Birth:** 11/08/2020

<p>Sire</p> <p>Sire Name: Breed: Registration: Phenotype:</p>	<p>Dam</p> <p>Dam Name: Breed: Registration: Phenotype:</p>
--	--

Coat Color Testing		
<input checked="" type="checkbox"/>	A Locus-Ay	n/n Dog does not carry the gene responsible for fawn/sable coat color.
<input checked="" type="checkbox"/>	A Locus-Aw	n/n Negative for wild-sable.
<input checked="" type="checkbox"/>	A Locus-At	At/At Dog has two copies of the tan points/tricolor gene.
<input checked="" type="checkbox"/>	A Locus-a	n/n Dog does not carry the gene responsible for recessive black coat color.
<input checked="" type="checkbox"/>	B Locus	B/B Dog does not carry the brown allele, and can never pass on the gene for brown to future offspring
	Cocoa	
<input checked="" type="checkbox"/>	D Locus	D/D Dog is negative for the dilution gene.
<input checked="" type="checkbox"/>	E Locus- EM	n/n Dog does not carry allele for melanistic mask.
<input checked="" type="checkbox"/>	E Locus- e	E/E Dog does not carry the gene responsible for yellow coat color. This dog will never pass on the allele for yellow coat color.
<input checked="" type="checkbox"/>	K Locus-KB	n/n Dog does not have the dominant black gene, and the color pattern is determined by the Agouti gene.
<input checked="" type="checkbox"/>	Spotting	N/N Negative: Dog is negative for the MITF variant associated with parti-color in some breeds.
	Harlequin	
	Merle	

Genetic Disorders		
<input checked="" type="checkbox"/>	DM	n/n Clear: Dog is negative for the Degenerative Myelopathy mutation.
<input checked="" type="checkbox"/>	vWD1	n/n Clear: Dog tested negative for the von Willebrand's Type I mutation.
<input checked="" type="checkbox"/>	prcd-PRA	n/n Clear: Analysis indicates dog is negative/clear for the prcd-PRA mutation.

Coat Type Testing		
<input checked="" type="checkbox"/>	Hair Length	Short Hair: Dog has one copy of the long hair allele.
<input checked="" type="checkbox"/>	Hair Curl	Non-Curly Coat: Dog does not carry the mutation for coat curl.
<input checked="" type="checkbox"/>	Furnishings	Dog is negative for the Furnishings mutation.
<input checked="" type="checkbox"/>	Shedding	Negative: Dog is unlikely to be a high shedding dog.

Genetic Marker Results							Run Date:
-	-	-	-	-	-	-	
AHT121	AHT137	AHT171	AHT260	AHT211	AHT253	C22-279	
-	-	-	-	-	-	-	
CAN-AMEL	FH2054	FH2848	INRA21	INU005	INU030	INU055	
-	-	-	-	-	-	-	
REN54P11	REN162C04	REN169D01	REN169O18	REN247M23			

Additional Comments

A-Panel: At/At - Homozygous for black-and-tan.
 E-Panel: E/E-Dog does not carry the recessive yellow or melanistic mask alleles.