

Canine Genetic Testing Report



Submitted By

Julie Stephens
Rose Canyon Doodles
5748 West Cobblefield Dr
Herriman, UT 84096
United States

Subject Dog 00260340

Date Received: 5/12/2021

Dog Name: **Buster**
Breed: **Poodle**
Phenotype: **Red Parti**

Registration:
Microchip: 991001898048047
Sex: **Male** Birth: 04/29/2020

Sire	Dam
Sire Name: Breed: Registration: Phenotype:	Dam Name: Breed: Registration: Phenotype:

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 has two copies of the brown/chocolate gene. All black pigment will be modified to brown/chocolate pigmentation.
	Cocoa	Not Tested
<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 carries the allele responsible for the yellow coat color and could pass on either allele to any offspring.
<input checked="" type="checkbox"/>	K Locus-KB	n/KB Dog has one copy of the dominant black gene. Dog is self-colored and can pass on that gene to any offspring.
<input checked="" type="checkbox"/>	Spotting	S/S Dog has two copies of the MITF variant associated with parti-color in some breeds.
	Harlequin	Not Tested
	Merle	Not Tested

Coat Type Testing		
<input checked="" type="checkbox"/>	Hair Length	I/I Long Hair: Dog has two copies of the long hair allele.
<input checked="" type="checkbox"/>	Hair Curl	C/C Curly Coat: Dog has two copies of the coat curl mutation, and will always pass it on to any offspring.
<input checked="" type="checkbox"/>	Furnishings	n/F Dog has 1 copy of the Furnishings mutation, and has a 50% chance of passing on the Furnishings allele to any offspring.
<input checked="" type="checkbox"/>	Shedding	n/SD Moderate: Dog has one copy of the shedding allele, and is likely to be a moderate shedder.

Genetic Disorders			
	CDDY		Not Tested
	CDPA		Not Tested
<input checked="" type="checkbox"/>	DM	n/n	Clear: Dog is negative for the Degenerative Myelopathy mutation.
	MH		Not Tested
	MDR1		Not Tested
<input checked="" type="checkbox"/>	NEwS	n/n	Clear: Dog tested negative for the NEwS mutation.
<input checked="" type="checkbox"/>	prcd-PRA	n/n	Clear: Analysis indicates dog is negative/clear for the prcd-PRA mutation.
<input checked="" type="checkbox"/>	vWD1	n/n	Clear: Dog tested negative for the von Willebrand's Type 1 mutation.

Genetic Marker Results							Run Date:
-	-	-	-	-	-	-	Not Tested
AHT121	AHT137	AHT171	AHT260	AHTk211	AHTk253	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 has one copy of the recessive yellow allele and does not carry the melanistic mask allele.