

## Canine Genetic Testing Report



Submitted By  
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**Subject Dog** 00323287 Date Received: 12/13/2021

Dog Name: **Bubbles** Registration:  
Breed: **Miniature Poodle** Microchip: 991003000984651  
Phenotype: Sex: **Male** Birth:

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

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

Genetic Disorders			
<b>X</b>	CDDY	<b>N/N</b>	Dog is negative for the CDDY mutation.
<b>X</b>	CDPA	<b>N/N</b>	Dog is negative for the CDPA mutation.
<b>X</b>	DM	<b>n/n</b>	Clear: Dog is negative for the SOD1A Degenerative Myelopathy mutation.
<b>X</b>	NEwS	<b>n/n</b>	Clear: Dog tested negative for the NEwS mutation.
<b>X</b>	prcd-PRA	<b>n/P</b>	Carrier: Dog has one copy of the causal prcd-PRA c.5G>A mutation, and may pass on a copy of the mutation to any offspring.
<b>X</b>	vWD1	<b>n/n</b>	Clear: Dog tested negative for the von Willebrand's Type I mutation.

Coat Type Testing			
<b>X</b>	Hair Length	<b>l/l</b>	Long Hair: Dog has two copies of the long hair allele.
<b>X</b>	Hair Curl	<b>n/C</b>	Curly Coat: Dog has one copy of the coat curl mutation, and could pass it on to any offspring.
<b>X</b>	Furnishings	<b>F/F</b>	Dog has 2 copies of the Furnishings mutation, and will always produce offspring with Furnishings
<b>X</b>	Shedding	<b>n/n</b>	Negative: Dog is unlikely to be a high shedding dog.

Genetic Marker Results							Run Date: <i>Not Tested</i>
-	-	-	-	-	-	-	
AHT121	AHT137	AHT171	AHT260	AHTk211	AHTk253	C22-279	
-	-	-	-	-	-	-	
CAN-AMEL	FH2054	FH2848	INRA21	INU005	INU030	INU055	
-	-	-	-	-			
REN54P11	REN162C04	REN169D01	REN169O18i	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.