

Canine Genetic Testing Report



Submitted By

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4460 Township Rd 617
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Subject Dog 00370820

Date Received: 5/6/2022

Dog Name: **Celesta's 4662**
Breed: **Miniature Poodle**
Phenotype: **Black Tri**

Registration:
Microchip: **991003000984662**
Sex: **Female** Birth: **12/3/2021**

Sire

Sire Name: **Flaming Felix**
Breed: **Miniature Poodle**
Registration: **OH-ICA-1915395-002**
Phenotype: **Merle Tri**

Dam

Dam Name: **Happy Tails Icy Celesta**
Breed: **Miniature Poodle**
Registration: **OH-ABA-1875525-006**
Phenotype: **White**

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		<i>Not Tested</i>
<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/n	Dog does not have the dominant black gene, and the color pattern is determined by the Agouti gene.
<input checked="" type="checkbox"/>	Spotting	S/S	Dog has two copies of the MITF variant associated with parti-color in some breeds.
	Harlequin		<i>Not Tested</i>
	Merle		<i>Not Tested</i>

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	F/F	Dog has 2 copies of the Furnishings mutation, and will always produce offspring with Furnishings
<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

<input checked="" type="checkbox"/>	CDDY	N/N	Dog is negative for the CDDY mutation.
<input checked="" type="checkbox"/>	CDPA	N/N	Dog is negative for the CDPA mutation.
<input checked="" type="checkbox"/>	DM	n/n	Clear: Dog is negative for the SOD1A Degenerative Myelopathy mutation.
<input checked="" type="checkbox"/>	NEwS	n/n	Clear: Dog tested negative for the NEwS mutation.
<input checked="" type="checkbox"/>	prcd-PRA	n/n	Clear: Dog is negative for the causal prcd-PRA c.5G>A mutation.
<input checked="" type="checkbox"/>	vWD1	n/n	Clear: Dog tested negative for the von Willebrand's Type I mutation.

Genetic Marker Results

Run Date: *Not Tested*

-	-	-	-	-	-	-
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 has one copy of the recessive yellow allele and does not carry the melanistic mask allele.