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3382 Capital Circle NE
Tallahassee, FL 32308

Canine Genetic Testing Report

Submitted By

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Subject Dog 00240561

Dog Name: **Ace**
Breed: Toy Poodle
Phenotype: White

Registration:
Microchip:
Sex: Male

Date Received: 3/1/2021



Birth: 01/20/2021

Sire

Sire Name:
Breed:
Registration:
Phenotype:

Dam

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 carries a copy of the allele responsible for brown color and can potentially pass on that allele 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 The dog is yellow-based, and will always pass on a copy of the yellow 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 particular color in some breeds.
	Harlequin	
	Merle	

Genetic Disorders		
	CDDY	
	CDPA	
<input checked="" type="checkbox"/>	DM	n/n Clear: Dog is negative for the 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/P Carrier: Analysis indicates dog is a carrier of the prcd-PRA mutation and may pass on a copy of the mutation to any offspring.
<input checked="" type="checkbox"/>	vWD1	n/n Clear: Dog tested negative for the von Willebrand's Type 1 mutation.

Coat Type Testing		
<input checked="" type="checkbox"/>	Hair Length	l/l 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/n Negative: Dog is unlikely to be a high shedding dog.

Genetic Marker Results						Run Date:
AHT121	AHT137	AHT17	AHT260	AHT211	AHT253	C22-279
CAN-MFL	FH2054	FH284E	INRA21	INU005	INU030	INU055
REN54P11	REN162C04	REN169D01	REN169O13	REN247M23		

Additional Comments

A-Panel: At/At - Homozygous for black-and-tan.
E-Panel: e/e-Dog has two copies of the recessive yellow allele and will express the yellow phenotype. Dog does not carry the melanistic mask allele.