



Submitted By
Reuben Erb
2415 County Road 70
Sugarcreek, OH 44681

Subject Dog 00231800

Date Received: 1/23/2021

Dog Name: **Frisky**
Breed: Poodle
Phenotype: White with Tan Points

Registration:
Microchip:
Sex: Male
Birth: 12/10/2020

Sire		Dam	
Sire Name:		Dam Name:	
Breed:		Breed:	
Registration:		Registration:	
Phenotype:		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.	Not Tested
<input checked="" type="checkbox"/> A Locus-Aw	n/n	Negative for wild-sable.	Not Tested
<input checked="" type="checkbox"/> A Locus-At	At/At	Dog has two copies of the tan points/tricolor gene.	Clear: Dog is negative for the SOD1A Degenerative Myelopathy mutation.
<input checked="" type="checkbox"/> A Locus-a	n/n	Dog does not carry the gene responsible for recessive black coat color.	Clear: Dog tested negative for the NEwS mutation.
<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.	Clear: Dog is negative for the causal procd-PRA c.5G>A mutation.
Cocoa		Not Tested	Clear: Dog tested negative for the von Willebrand's Type I mutation.
<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 parti-color in some breeds.	
Harlequin		Not Tested	
<input checked="" type="checkbox"/> Merle	n/n	Dog has two copies of the recessive "m" allele and is negative for merle. The dog will always pass on a negative copy of the merle allele to all offspring.	
Coat Type Testing			
<input checked="" type="checkbox"/> Hair Length	L/L	Short Hair. Dog does not have the long-hair allele.	
<input checked="" type="checkbox"/> Hair Curl	n/n	Non-Curly Coat. Dog does not carry the mutation for coat curl.	
<input checked="" type="checkbox"/> Furnishings	n/n	Dog is negative for the Furnishings mutation.	
<input checked="" type="checkbox"/> Shedding	n/n	Negative: Dog is unlikely to be a high shedding dog.	
Genetic Disorders			
		CDDY	Not Tested
		CDPA	Not Tested
<input checked="" type="checkbox"/>		DM	n/n
<input checked="" type="checkbox"/>		NEwS	n/n
<input checked="" type="checkbox"/>		procd-PRA	n/n
<input checked="" type="checkbox"/>		vWVD1	n/n
Genetic Marker Results			
			Run Date: Not Tested
	AHT121	AHT137	AHTk211
			AHTk260
			AHTk253
			C22-279
	CAN-AMEL	FH2054	FH2848
			INRA21
			INLU005
			INLU030
			INU055
	REN54P11	REN162C04	REN169D01
			REN169D018
			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.			