

Canine Genetic Testing Report



Submitted By
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Subject Dog 00178899	Date Received: 2/10/2020
Dog Name: Rosie's Cream & White Girl Breed: Havanese Phenotype: Cream & White	Registration: Microchip: Sex: Female Birth: 02/05/2020

Sire
Sire Name: CH Mambo Dancer Maverick Vom Salzetal Breed: Havanese Registration: Phenotype: Red Sable

Dam
Dam Name: GCHB Sardi Angel Baby Breed: Havanese Registration: Phenotype: Black & White Parti

Coat Color Testing			
X	A Locus-Ay	AY/AY	Dog has two copies of the gene responsible for fawn/sable coat color.
X	A Locus-Aw	n/n	Negative for wild-sable.
X	A Locus-At	n/n	Dog does not carry the tan points/tricolor gene.
X	A Locus-a	n/n	Dog does not carry the gene responsible for recessive black coat color.
X	B Locus	B/B	Dog does not carry the brown allele, and can never pass on the gene for brown to future offspring
X	D Locus	D/D	Dog is negative for the dilution gene.
X	E Locus- EM	n/n	Dog does not carry allele for melanistic mask.
X	E Locus- e	e/e	The dog is yellow-based, and will always pass on a copy of the yellow allele to any offspring.
X	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.
X	Spotting	N/S	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			
	DM		<i>Not Tested</i>

Coat Type Testing			
	Hair Length		<i>Not Tested</i>
	Hair Curl		<i>Not Tested</i>
	Furnishings		<i>Not Tested</i>
	Bobtail		<i>Not Tested</i>
	Shedding		<i>Not Tested</i>

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	REN169O18	REN247M23			

Additional Comments

A-Panel: Ay/Ay - Homozygous for fawn/ sable.
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.