Animal Genetics INCORPORATED
1336 Timberlane Road
Tallahassee, FL 32312-1766

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Canine Genetic Testing Report

Submitted By
Sara Dellorto 9140 Tom Costine Road Lakeland, FL 33809

Subject Dog

Date Received: 6/10/2015

Dog Name: **Woody**
Breed: Havanese
Phenotype: Red With White Markings
Registration: TS25339003
Sex: Male
Birth: 03/07/15

Sire

Sire Name: CH Midnight Magic Argostino
Breed: Havanese
Registration: TS11820201
Phenotype: Red With White Markings

Dam

Dam Name: CH Nirvana TLC's Glowing Ember
Breed: Havanese
Registration: TS00376201
Phenotype: Red and White Parti

Coat Color/Type Testing

X	A Locus-Ay	AY/AY	Dog has two copies of the gene responsible for fawn/sable coat color.
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 carries the dilution gene, but will appear full color.
X	E Locus- EM	n/n	Dog does not carry allele for melanistic mask.
X	E Locus- e	E/e	Dog carries the allele responsible for the yellow coat color, and could pass on either allele to any offspring..
X	K Locus-KB	n/n	Dog does not have the dominant black gene, and the color pattern is determined by the Agouti gene.
X	Spotting	N/S	Dog carries one copy of the spotting or parti-color gene, and can pass it on to any offspring.
	Hair Length		*Not Tested*
	Hair Curl		*Not Tested*
	Furnishings		*Not Tested*
	Bobtail		*Not Tested*

Genetic Disorders

	DM		*Not Tested*

Genetic Marker Results

Run Date: *Not Tested*

- - AHT121	- - AHT137	- - AHTh171	- - AHTh260	- - AHTk211	- - AHTk253	- - C22-279
- - CAN-AMEL	- - FH2054	- - FH2848	- - INRA21	- - INU005	- - INU030	- - INU055
- - REN54P11	- - REN162C04	- - REN169D01	- - REN169O18	- - REN247M23		

DM = Degenerative Myelopathy

Additional Comments

A-Panel: Ay/Ay-Homozygous for fawn/ sable.
E-Panel: E/e-Dog has one copy of the recessive yellow allele and does not carry the melanistic mask allele.