

Canine Genetic Testing Report



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

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| Subject Dog 00150827 | Date Received: 4/4/2019 |
| Dog Name: Sardi I've Got The Music In Me Puppy 1 Breed: Havanese Phenotype: Sable & White | Registration: Microchip: Sex: Female Birth: 03/30/2019 |

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| Sire |
| Sire Name: CH Nirvana Sardi You Had Me From Hello Breed: Havanese Registration: Phenotype: Red Sable & White |

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| Dam |
| Dam Name: GCH Sardi I've Got The Music In Me Breed: Havanese Registration: Phenotype: Black & White |

| 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 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 does not carry the gene responsible for yellow coat color. This dog will never pass on the allele for yellow coat color. |
| 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 | 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> |

| Genetic Disorders | | | |
|-------------------|----|--|-------------------|
| | DM | | <i>Not Tested</i> |
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| 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 | AHT211 | AHT253 | 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 does not carry the recessive yellow or melanistic mask alleles.