

Canine Genetic Testing Report

Submitted By

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Subject Dog 00057172 Date Received: 6/28/2016

Dog Name: **Rosaline N Monarch's Twist N Shout** Registration: K112-127
 Breed: **Miniature Poodle** Sex: Male
 Phenotype: **Red/White Parti** Birth: 05/15/2013

Sire	Dam
Sire Name: Rosaline's Razz Barry Swirl Breed: Registration: K105-629 Phenotype: Red/White	Dam Name: Rosaline's Hot Flames Breed: Miniature Poodle Registration: K109-332 Phenotype: Red

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-At	n/At	Dog has one copy 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 does not carry the brown allele, and can never pass on the gene for brown to future offspring
<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/KB	Dog has one copy of the dominant black gene. Dog is self-colored, and can pass on that gene to any offspring.
<input checked="" type="checkbox"/>	Spotting	S/S	Dog has two copies of the spotting or parti-color gene, and will always pass on one copy to all offspring.
	Harlequin		Not Tested
	Merle		Not Tested

Coat Type Testing			
	Hair Length		Not Tested
	Hair Curl		Not Tested
	Furnishings		Not Tested
	Bobtail		Not Tested

Genetic Disorders			
<input checked="" type="checkbox"/>	DM	n/DM	Carrier: Dog carries one copy of the mutation associated with Degenerative Myelopathy, and could pass on the mutation to any offspring.
	NEwS		Not Tested
	vWD1		Not Tested

Genetic Marker Results						Run Date: 7/1/2016
104	131/133	225	244/246	89	280/288	116
AHT121	AHT137	AHT171	AHT260	AHTk211	AHTk253	C22-279
189/224	148/172	238/240	97/99	124/130	148/150	210/218
CAN-AMEL	FH2054	FH2848	INRA21	INU005	INU030	INU055
230/232	200/202	210/212	160	268/272		
REN54P11	REN162C04	REN169D01	REN169O18	REN247M23		

Additional Comments

A-Panel: Aw/At-Dog is wild-sable and carries 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.