

Canine Genetic Testing Report



Submitted By
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Subject Dog 00166796	Date Received: 9/24/2019
Dog Name: Oreo Breed: Australian Shepherd Phenotype: Black Tri	Registration: Microchip: Sex: Female Birth: 08/30/2019

Sire
Sire Name: Echo to Silence Labakan Slovakia Breed: Australian Shepherd Registration: DN40913302 Phenotype: Red Tri

Dam
Dam Name: Malpaso's Stormy Sparkle Turns the Herd Breed: Australian Shepherd Registration: DN44361104 Phenotype: Black Tri

Coat Color Testing		
A Locus-Ay		Not Tested
A Locus-Aw		Not Tested
A Locus-At		Not Tested
A Locus-a		Not Tested
B Locus		Not Tested
D Locus		Not Tested
E Locus- EM		Not Tested
E Locus- e		Not Tested
K Locus-KB		Not Tested
Spotting		Not Tested
Harlequin		Not Tested
X 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.

Genetic Disorders			
X	Cone Deg.	n/n	Clear: Dog tested negative for the Cone Degeneration mutation.
X	CEA	n/n	Clear: Dog tested negative for the Collie Eye Anomaly mutation.
X	CMR1	n/n	Clear: Dog tested negative for Canine Multifocal Retinopathy Type 1.
X	DM	n/n	Clear: Dog is negative for the Degenerative Myelopathy mutation.
X	HC	n/n	Clear: Dog tested negative for the HSF-4 Hereditary Cataracts mutation.
X	HUU	n/n	Clear: Dog tested negative for the Hyperuricosuria.
X	MDR1	n/n	Clear: Only normal unaltered allele detected. Dog should not exhibit any sensitivity to ivermectin or other drugs associated with this disorder.
X	prcd-PRA	n/n	Clear: Linkage analysis indicates dog is negative/clear for the prcd-PRA mutation.

Coat Type Testing		
Hair Length		Not Tested
Hair Curl		Not Tested
Furnishings		Not Tested
X Bobtail	n/n	Dog is negative for the Bobtail mutation, and will not pass on this trait to any offspring.
Shedding		Not Tested

Genetic Marker Results							Run Date: Not Tested
-	-	-	-	-	-	-	
AHT121	AHT137	AHT171	AHT260	AHT211	AHT253	C22-279	
-	-	-	-	-	-	-	
CAN-AMEL	FH2054	FH2848	INRA21	INU005	INU030	INU055	
-	-	-	-	-			
REN54P11	REN162C04	REN169D01	REN169O18	REN247M23			

Additional Comments
None