

## Canine Genetic Testing Report



Submitted By
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<b>Subject Dog</b> 00060158	Date Received: 8/8/2016
Dog Name: <b>Out West Cat N Mouse</b> Breed: Australian Shepherd Phenotype: Black Bi	Registration: DN28082804 Sex: Female Birth: 06/25/2010

<b>Sire</b>
Sire Name: Malpasos Fate at Los Suenos Breed: Australian Shepherd Registration: DN10778805 Phenotype: Black Bi

<b>Dam</b>
Dam Name: Horse Creeks Dallas Kowgirl Breed: Australian Shepherd Registration: DN19571703 Phenotype: Red Merle

Coat Color Testing		
A Locus-Ay		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
Merle		Not Tested

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

Genetic Disorders			
<b>X</b>	Cone Deg.	n/n	Clear: Dog tested negative for the Cone Degeneration mutation.
<b>X</b>	CEA	n/n	Clear: Dog tested negative for the Collie Eye Anomaly mutation.
<b>X</b>	CMR1	n/n	Clear: Dog tested negative for Canine Multifocal Retinopathy Type 1.
<b>X</b>	DM	n/DM	Carrier: Dog carries one copy of the mutation associated with Degenerative Myelopathy, and could pass on the mutation to any offspring.
<b>X</b>	HC	n/n	Clear: Dog tested negative for the HSF-4 Hereditary Cataracts mutation.
	HUU		Not Tested
<b>X</b>	MDR1	n/n	Clear: Only normal unaltered allele detected. Dog should not exhibit any sensitivity to ivermectin or other drugs associated with this disorder.

Genetic Marker Results							Run Date: Not Tested
-	-	-	-	-	-	-	
AHT121	AHT137	AHT171	AHT260	AHTk211	AHTk253	C22-279	
-	-	-	-	-	-	-	
CAN-AMEL	FH2054	FH2848	INRA21	INU005	INU030	INU055	
-	-	-	-	-			
REN54P11	REN162C04	REN169D01	REN169O18	REN247M23			

<b>Additional Comments</b>
None