

Canine Genetic Testing Report

Submitted By	AG122294
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27630 S 4490 Road Vinita, OK 74301	



Subject Dog

Date Received: 12/18/2014

Dog Name: Clearview's Lite My Fire	Registration: DN29942802
Breed: Australian Shepherd	Sex: Female
Phenotype: Red Tri	Birth: 05/22/2010

Sire	Dam
Sire Name: GCH CH Bayoulnd's I'm Your Huckelberry	Dam Name: Killara's Solar Eclipses
Breed: Australian Shepherd	Breed: Australian Shepherd
Registration: DN18272903	Registration: DN14017901
Phenotype: Blue Merle	Phenotype: Red Tri

Coat Color/Type 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
Hair Length		Not Tested
Hair Curl		Not Tested
Furnishings		Not Tested
Bobtail		Not Tested

Additional Comments
None

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.
	HUU		Not Tested
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.

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			

Cone Deg. = Cone Degeneration
 CEA = Collie Eye Anomaly
 CMR1 = Canine Multifocal Retinopathy Type 1
 DM = Degenerative Myelopathy
 HC = Hereditary Cataracts
 HUU = Hyperuricosuria
 MDR1 = Multi-Drug Resistance