

Canine Genetic Testing Report



Submitted By **AG122294**

Jacqueline Lipps

27630 S 4490 Road
Vinita, OK 74301

Subject Dog

Date Received: 11/28/2014

Dog Name: **Smurf "Kiss My Smurf"**
Breed: Australian Shepherd
Phenotype: Blue Merle

Registration: DN34286504
Sex: Male
Birth: 06/09/2012

Sire

Sire Name: JBK Kiss Charming
Breed: Australian Shepherd
Registration: DN24395801
Phenotype:

Dam

Dam Name: Aileana Dalliance Diva
Breed: Australian Shepherd
Registration: DN23184402
Phenotype:

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

Genetic Disorders

X	Cone Deg.	n/n	Clear: Dog tested negative for the Cone Degeneration mutation.
X	CEA	n/CEA	Carrier: Dog carries one copy of the Collie Eye Anomaly mutation, and could pass the mutation on to any offspring.
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

Additional Comments

None