

Canine Genetic Testing Report



Submitted By

Puppy Lodge

Subject Dog 00328762

Date Received: 1/3/2022

Dog Name: **Linsey**
Breed: **Miniature Poodle**
Phenotype: **Light Red**

Registration:
Microchip: 991003001243942
Sex: **Female** Birth: 12/20/2021

Sire

Sire Name: **Jayson**
Breed: **Miniature Poodle**
Registration: **ICA**
Phenotype: **Red Parti**

Dam

Dam Name: **Lilac**
Breed: **Miniature Poodle**
Registration: **AKC**
Phenotype: **Red**

Coat Color Testing

X	A Locus-Ay	n/n	Dog does not carry the gene responsible for fawn/sable coat color.
X	A Locus-Aw	n/n	Negative for wild-sable.
X	A Locus-At	At/At	Dog has two copies of the tan points/tricolor gene.
X	A Locus-a	n/n	Dog does not carry the gene responsible for recessive black coat color.
X	B Locus	b/b	Dog has two copies of the brown/chocolate gene. All black pigment will be modified to brown/chocolate pigmentation.
	Cocoa		Not Tested
X	D Locus	D/D	Dog is negative for the dilution gene.
X	E Locus-EM	n/n	Dog does not carry allele for melanistic mask.
X	E Locus-e	e/e	The dog is yellow-based, and will always pass on a copy of the yellow allele to any offspring.
X	K Locus-KB	KB/KB	Dog has two copies of the dominant black gene, and will be self-colored. Dog will always have self-colored offspring.
X	Spotting	S/S	Dog has two copies of the MITF variant associated with parti-color in some breeds.
	Harlequin		Not Tested
X	Merle	n/M	Dog has one copy of the "M" merle allele and one negative "m" copy of merle allele. The dog can pass either allele on to any offspring.

Genetic Disorders

X	CDDY	N/C	Dog has 1 copy of CDDY. Dog is at higher risk for IVDD.
X	CDPA	N/N	Dog is negative for the CDPA mutation.
X	DM	n/n	Clear. Dog is negative for the SOD1A Degenerative Myelopathy mutation.
X	NEwS	n/n	Clear. Dog tested negative for the NEwS mutation.
X	prcd-PRA	n/P	Carrier. Dog has one copy of the causal prcd-PRA c.5G>A mutation, and may pass on a copy of the mutation to any offspring.
X	vWD1	n/n	Clear. Dog tested negative for the von Willebrand's Type I mutation.

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

A-Panel: At/At - Homozygous for 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.

Coat Type Testing

X	Hair Length	l/l	Long Hair: Dog has two copies of the long hair allele.
X	Hair Curl	C/C	Curly Coat: Dog has two copies of the coat curl mutation, and will always pass it on to any offspring.
X	Furnishings	F/F	Dog has 2 copies of the Furnishings mutation, and will always produce offspring with Furnishings
X	Shedding	n/n	Negative: Dog is unlikely to be a high shedding dog.