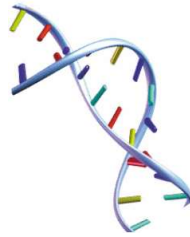


## Canine Genetic Testing Report



Submitted By  
Kris Hauk  
[Redacted]  
Pottstown, PA [Redacted]  
United States

**Subject Dog** 00351065 Date Received: 3/8/2022

Dog Name: **Vikas** Registration: WS75648007  
 Breed: Great Dane Microchip:  
 Phenotype: Lilac Sex: Male Birth: 03/01/2022

**Sire**

Sire Name: F and B's Rocket Man of KAR Farm "Elton"  
 Breed: Great Dane  
 Registration: WS66434507  
 Phenotype: Brindle Merle

**Dam**

Dam Name: Starr Creek Blue "Phoenix" of KAR Farm  
 Breed: Great Dane  
 Registration: WS56488604  
 Phenotype: Blue Mantle

Coat Color Testing		
<input checked="" type="checkbox"/>	A Locus-Ay	n/AY Dog has one copy of the gene responsible for fawn/sable coat color.
<input checked="" type="checkbox"/>	A Locus-Aw	n/Aw Dog has one copy of wild-sable.
<input checked="" type="checkbox"/>	A Locus-At	n/n Dog does not carry the tan points/tricolor gene.
<input checked="" type="checkbox"/>	A Locus-a	n/n Dog does not carry the gene responsible for recessive black coat color.
<input checked="" type="checkbox"/>	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
<input checked="" type="checkbox"/>	D Locus	d/d Dog is homozygous for the dilution gene. The dog will always pass on a copy of the dilution gene to any offspring.
<input checked="" type="checkbox"/>	E Locus- EM	n/EM Dog has one copy of the allele for melanistic mask
<input checked="" type="checkbox"/>	E Locus- e	E/E Dog does not carry the gene responsible for yellow coat color. This dog will never pass on the allele for yellow coat color.
<input checked="" type="checkbox"/>	K Locus-KB	n/KB Dog has one copy of the dominant black gene. Dog is self-colored and can pass on that gene to any offspring.
<input checked="" type="checkbox"/>	Spotting	N/S Dog has one copy of the MITF variant associated with parti-color in some breeds.
<input checked="" type="checkbox"/>	Harlequin	n/n Negative: Dog does not carry the Harlequin gene.
<input checked="" type="checkbox"/>	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			
	DM		Not Tested

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

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			

**Additional Comments**

A-Panel: Ay/Aw - Dog is fawn and carries wild sable.  
 E-Panel: EM/E-Dog has one copy of the melanistic mask allele and does not carry the recessive yellow allele.