



VETERINARY GENETICS LABORATORY
 SCHOOL OF VETERINARY MEDICINE
 ONE SHIELDS AVENUE
 DAVIS, CALIFORNIA 95616-8744

TELEPHONE: (530) 752-2211
 FAX: (530) 752-3556

COAT COLOR TEST RESULTS

ANDREA A. S. VAN ELMPT VAALRIVIERSTRAAT 10A 1091 PD AMSTERDAM THE NETHERLANDS NETHERLANDS	Case: CAT35121 Date Received: 17-Feb-2011 Report Date: 18-Feb-2011 Report ID: 4172-7048-2625-4088
Cat: HIGHGAIPTAWS SEUSS OF DETREVANDE DOB: 10/22/2010 Breed: AB Sex: M Microchip: 981020003836262	Reg:
Sire: VILDT ZIPPER PÅ DETREVANDE Dam: ZINFELMAX TORRONTES OF HIGHGAIPTAWS	Reg: MU.L08.ABY.030.1 Reg: CFA 0363-1679834

AGOUTI	AMBER	BROWN	COLORPOINT	DILUTE	GLOVES
A/A	E/E	B/b ¹	C/C	D/d	N/N

Interpretation of Result Code:

Agouti (banded hair or solid):

- A/A All offspring will have agouti banded hair.
- A/a Offspring can be agouti or non-agouti depending on the genetics of the mating.
- a/a Non-agouti. If bred to a non-agouti, only non-agouti offspring will be produced.

Amber (MC1R - Norwegian Forest Cats)

- E/E No copies of the mutation for Amber.
- E/e 1 copy of the Amber mutation. If bred to another carrier, 25% of the kittens will be Amber (in the absence of Orange).
- e/e 2 copies of the Amber mutation. Cat will be Amber colored (in the absence of Orange).

Brown (Chocolate and Cinnamon)

- B/B Full color, cat does not carry brown or cinnamon alleles.
- B/b Full color, carrier of brown.
- B/b¹ Full color, carrier of cinnamon.
- b/b Brown.
- b/b¹ Brown, carrier of cinnamon.
- b¹/b¹ Cinnamon.

Colorpoint Restriction (Burmese and Siamese)

- C/C Full color, cat does not carry Burmese (sepia) or Siamese alleles.
- C/c^b Carrier of Burmese (sepia) color.
- C/c^s Carrier of Siamese colorpoint restriction.
- c^b/c^b Burmese (sepia).
- c^s/c^s Siamese.
- c^b/c^s Mink, intermediate color between Burmese and Siamese.

Dilute

- D/D Full color. Cat does not have the dilute allele.
- D/d One copy of dilute allele. Cat is a carrier of dilute.
- d/d Two copies of dilute allele. Coat color is diluted.

Gloves

- N/N Normal, cat does not have gloving.*
- N/G Carrier, cat has one copy of gloving mutation. Breeding carriers will result in 25% gloved kittens.
- G/G Gloved.

* This test is specific for the KIT mutation found to be associated with gloved white pattern typical of Birman cats. It does not detect other mutations that also cause gloving but which have not yet been identified.