



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

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

AB BLOOD GROUP AND IDENTITY MARKER REPORT

ANDREA A. S. VAN ELMPT VAALRIVIERSTRAAT 10A 1091 PD AMSTERDAM NETHERLANDS	<i>Case:</i> CAT22187 <i>Date Received:</i> 12-Jan-2009 <i>Report Date:</i> 21-May-2009 <i>Report ID:</i> 5178-1483-5324-5115
<i>Cat:</i> HIGHGAIPTAWS I'M IVY OF DETREVANDE <i>YOB:</i> 08 <i>Breed:</i> AB <i>Sex:</i> F	<i>Reg:</i> 0361-1645778 <i>Microchip:</i> 528246000247600
<i>Sire:</i> HIGHGAIPTAWS TAKACHANCE <i>Dam:</i> HIGHGAIPTAWS BLUE BOMSHELL	<i>Reg:</i> 0360-1478830 <i>Reg:</i> 0385-1603363

AB BLOOD GROUP RESULT

N/b

Result Codes:

N/N Cat is Type A or Type "AB"

N/b Cat is a carrier of B factor; serotype could be Type A or Type "AB"

b/b Cat is Type B

The genetic test for the cat blood group identifies the recessive **b** allele which is associated with the B serotype. Cats with two copies of the **b** allele have the Type B blood group. Cats with one copy of the **b** allele can also be distinguished. These cats can have blood group A or the rare blood group "AB".

Because the genetic test cannot distinguish between a Type A versus a Type "AB" cat, the **non-b** allele is reported as "N". The cat could have a Type A or Type AB serotype.

This test has been validated for domestic cat breeds only. The accuracy of results for wildcat hybrids has not been determined. For further information on the AB blood group test please visit the VGL website at:
<http://www.vgl.ucdavis.edu/service/cat/bloodgroup.html>.

IDENTITY MARKERS

LOCUS	TYPE	LOCUS	TYPE
FCA069	KL	FCA075	S
FCA220	L	FCA310	KS
FCA105	ST	FCA149	J