



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

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

BLOOD GROUP AND IDENTITY MARKER REPORT

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|---|---|
| GEERTJE BESSELINK HAARBRINKSBOSWEG 1 7428ME DEVENTER NETHERLANDS | <i>Case:</i> CAT31797 <i>Date Received:</i> 04-Aug-2010 <i>Report Date:</i> 09-Aug-2010 <i>Report ID:</i> 9512-9415-6243-9115 |
| <i>Cat:</i> MARSMELLOW DELILAH <i>DOB:</i> 05/27/2009 <i>Breed:</i> AB <i>Sex:</i> F | <i>Reg:</i> <i>Microchip:</i> 985121012331826 |

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 |
|---------------|------|---------------|------|
| <i>FCA069</i> | N | <i>FCA075</i> | PS |
| <i>FCA220</i> | L | <i>FCA310</i> | S |
| <i>FCA105</i> | T | <i>FCA149</i> | HJ |



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BLOOD GROUP AND IDENTITY MARKER REPORT

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|---|---|
| GEERTJE BESSELINK HAARBRINKSBOSWEG 1 7428ME DEVENTER NETHERLANDS | <i>Case:</i> CAT31798 <i>Date Received:</i> 04-Aug-2010 <i>Report Date:</i> 09-Aug-2010 <i>Report ID:</i> 6338-7646-4908-6048 |
| <i>Cat:</i> IJSSELLAND'S HNY JOY <i>DOB:</i> 08/16/2008 <i>Breed:</i> AB <i>Sex:</i> F | <i>Reg:</i> NL.FE.L.08.ABY.003.4 <i>Microchip:</i> 528210002283883 |
| <i>Sire:</i> FA YING DANTE DI FIRENZE <i>Dam:</i> IJSSELLAND'S SHARAN'S HNY | <i>Reg:</i> NL.FE.L07.ABY.004. <i>Reg:</i> NRKV 2007-0073 |

AB BLOOD GROUP RESULT

N/N

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"
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IDENTITY MARKERS

| LOCUS | TYPE | LOCUS | TYPE |
|--------|------|--------|------|
| FCA069 | KL | FCA075 | PR |
| FCA220 | L | FCA310 | S |
| FCA105 | RS | FCA149 | HJ |



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BLOOD GROUP AND IDENTITY MARKER REPORT

| | |
|---|---|
| GEERTJE BESSELINK HAARBRINKSBOSWEG 1 7428ME DEVENTER NETHERLANDS | Case: CAT31819 Date Received: 05-Aug-2010 Report Date: 09-Aug-2010 Report ID: 7983-6425-8840-8051 |
| Cat: IJSSELLAND'S HNY JOURI DOB: 08/16/2008 Breed: AB Sex: M | Reg: NL.FE.L08.ABY.003.1 Microchip: 528210002283909 |
| Sire: FA YING DANTE DI FIRENZE Dam: IJSSELLAND'S SHARAN'S HAPPYNEWYEAR | Reg: NL.FE.L07.ABY.004.2 Reg: NRKV 2007-0073 |

AB BLOOD GROUP RESULT

N/N

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".

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IDENTITY MARKERS

| LOCUS | TYPE | LOCUS | TYPE |
|--------|------|--------|------|
| FCA069 | KL | FCA075 | RS |
| FCA220 | L | FCA310 | S |
| FCA105 | ST | FCA149 | HJ |