



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

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

PK DEFICIENCY AND IDENTITY MARKER REPORT

MARIE HARRIMAN 169 CLINTON ROAD ANTRIM, NH 03440	Case: CAT113824 Date Received: 25-Mar-2019 Print Date: 27-Mar-2019 Report ID: 9690-0858-4899-3095 Verify report at www.vgl.ucdavis.edu/myvgl/verify.htm
Cat: KATZAPURRIN BUSTER OF ATLASTCATS Reg: SBT 083015 014 DOB: 08/30/2015 Sex: Male Breed: Maine Coon Color: black & white	
Sire: MARIKOONS TALIESIN Reg: SBT 042714 013 Dam: KATZAPURRIN SUMMER BREEZE Reg: SBT 052114 003	

PYRUVATE KINASE DEFICIENCY TEST RESULT

N/N

Result Codes:

- N/N no copies of PK deficiency, cat is normal
- N/K 1 copy of PK deficiency, cat is normal but is a carrier
- K/K 2 copies of PK deficiency, cat is or will be affected. Severity of symptoms cannot be predicted*

Erythrocyte Pyruvate Kinase Deficiency (PK deficiency) is an inherited, autosomal recessive, hemolytic anemia. Breedings between carriers will be expected to produce 25% affected kittens. Go to our website for a list of breeds at risk of PK deficiency due to a significant frequency of the mutation.

*If your cat is diagnosed as homozygous for PK deficiency, we recommend that you contact your veterinarian for information on disease progression and management.

For more information on PK Deficiency test results, please go to:
www.vgl.ucdavis.edu/services/pkdeficiency.php

IDENTITY MARKERS

LOCUS	TYPE	LOCUS	TYPE
<i>FCA075</i>	S	<i>FCA220</i>	L
<i>FCA223</i>	QU	<i>FCA678</i>	JM
<i>FCA698</i>	T		



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

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

MAINE COON HCM (HYPERTROPHIC CARDIOMYOPATHY) TEST REPORT

MARIE HARRIMAN 169 CLINTON ROAD ANTRIM, NH 03440	Case: CAT113824 Date Received: 25-Mar-2019 Print Date: 27-Mar-2019 Report ID: 2454-4444-3136-2040 Verify report at www.vgl.ucdavis.edu/myvgl/verify.htm
<i>Cat:</i> KATZAPURRIN BUSTER OF ATLASTCATS <i>DOB:</i> 08/30/2015 <i>Sex:</i> Male <i>Breed:</i> Maine Coon <i>Color:</i> black & white	<i>Reg:</i> SBT 083015 014
<i>Sire:</i> MARIKOONS TALIESIN <i>Dam:</i> KATZAPURRIN SUMMER BREEZE	<i>Reg:</i> SBT 042714 013 <i>Reg:</i> SBT 052114 003

Maine Coon HCM Test Result

N/N

Result Codes:

N/N	Normal.
N/HCMmc	One copy of the A31P mutation is present. Cat is 1.8 times more likely to develop HCM than cats without the mutation.
HCMmc/HCMmc	Two copies of the A31P mutation are present. Cat is 18 times more likely to develop HCM than cats without the mutation.

This test only detects the A31P mutation associated with HCM in Maine Coon cats and outcrosses as described by Meurs et al. 2005. The A31P mutation is not the sole cause of HCM in Maine Coons. The other causes are not known at this time.

For more information on Maine Coon HCM test results, please go to:
www.vgl.ucdavis.edu/services/cat/MaineCoonHCM.php



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

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

MAINE COON SPINAL MUSCULAR ATROPHY TEST REPORT

<p>MARIE HARRIMAN 169 CLINTON ROAD ANTRIM, NH 03440</p>	<p>Case: CAT113824 Date Received: 25-Mar-2019 Print Date: 27-Mar-2019 Report ID: 8426-3199-9002-7124 Verify report at www.vgl.ucdavis.edu/myvgl/verify.htm</p>
<p>Cat: KATZAPURRIN BUSTER OF ATLASTCATS Reg: SBT 083015 014 <i>DOB: 08/30/2015 Sex: Male Breed: Maine Coon Color: black & white</i></p>	
<p><i>Sire:</i> MARIKOONS TALIESIN <i>Reg:</i> SBT 042714 013 <i>Dam:</i> KATZAPURRIN SUMMER BREEZE <i>Reg:</i> SBT 052114 003</p>	

SMA Result

N/N

Result Codes:

N/N	No copies of SMA are present.
N/S	1 copy of SMA is present. Cat is normal but is a carrier. Breedings between carriers will be expected to produce 25% affected, 50% carriers and 25% normal kittens.
S/S	2 copies of SMA are present, cat is affected.

This test is specific for the mutation associated with SMA in Maine Coon cats and outcrosses.

For more information on SMA test results, please go to:
www.vgl.ucdavis.edu/services/cat/SMA.php