



VETERINARY GENETICS LABORATORY  
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## MAINE COON HCM (HYPERTROPHIC CARDIOMYOPATHY) TEST

TERRY COLLINS 303 HILL RD WEST BATH, ME 04530-6324		<b>Case:</b> <b>CAT55377</b> <b>Date Received:</b> 15-May-2013 <b>Report Date:</b> 18-May-2013 <b>Report ID:</b> 1734-0276-0010-7175 Verify report at <a href="https://www.vgl.ucdavis">https://www.vgl.ucdavis</a> .
<i>Cat:</i> <b>MOTOKO 2013#4</b>		<i>Reg:</i> <b>PENDING</b>
<i>DOB:</i> <b>02/25/2013</b>	<i>Breed:</i> <b>MC</b>	<i>Sex:</i> <b>F</b>
<i>Microchip:</i> <b>AVID*073*084*342</b>		
<i>Sire:</i> NW GC TAC-N-TAC RYUU		<i>Reg:</i> MC1664M2-119945
<i>Dam:</i> CH MAGGIELANES MOTOKO OF TAC-N-TAC		<i>Reg:</i> MC1215F2-118961

### 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/HCM	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 additional information regarding the status of A31P mutation and HCM in Maine Coons, see [www.vgl.ucdavis.edu/services/cat/MaineCoonHCM.php](http://www.vgl.ucdavis.edu/services/cat/MaineCoonHCM.php)