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|------------------|--|
| <b>Test name</b> | <b>HYPERTROPHIC CARDIOMYOPATHY (HCM) - MAINE COON (A31P)</b> |
| Swab Number      | 65999  |
| Animal Number    | 20438  |

|                      |   |
|----------------------|---|
| <b>Owner/Breeder</b> |   |
| Name                 | Karen Buscavage   |
| Address              | 653 Sportsman Road<br>Denver<br>UNITED STATES<br>PA, 17517. |

|                       |                    |
|-----------------------|--------------------|
| <b>Animal Details</b> |                    |
| Name                  | DCFD SMOKE SHOWING |
| Sex                   | Male               |
| Breed                 | Maine Coon         |
| Registration No. ID   |                    |
| Microchip No.         |                    |

|               |                        |
|---------------|------------------------|
| Specimen Type | BUCCAL CELLS           |
| Date Received | 22/03/2016 11:33:06 PM |

|                    |   |
|--------------------|---|
| <b>Test Result</b> | <b>Clear</b>  |
| Interpretation     | <p>The specific HCM mutation is not present.<br/>This test identifies the most common mutation currently known to cause HCM in Maine Coon cats. It identifies a mutation in the MYBPC3 gene as described by Meurs et al.</p> <p>If the mutation is not present, it does not mean that the cat will never develop HCM, as other causes are possible. A "Clear" result means that the cat's DNA does not contain this specific mutation.</p> <p>In breeds other than Maine Coon, a positive result indicates that the cat has the specific mutation.</p> <p>Reference: Meurs et al. Human Molecular Genetics 2005, 14, 3587</p> |

Date of report: 02 May 2016

Authorised by:

*NB: There may be rare instances where the animals colour or pattern in DNA sequence that has not previously been reported.*



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