

Fax to

Husum Dyreklinik

Frederikssundsvej 326, 2700 Bronshøj

VETERINARY DIAGNOSTIC SERVICES

Vet-Med-LabOwner.....: **Moegeltoft, Lone**Animal.....: **Cat Cheyenne** Age.....:LaboratoryNo: **GE899148/17.08.2006** Your ID.....: **05632071**Material.....: **EDTA blood**

Clinical information: Chip Nr.208206000051364

Colour: black/silver

Date of birth: 01/06/2001

Test	Result	(Reference Val)	Unit
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Hypertrophic Cardiomyopathy**Breed:**

Main Coon

Mutation**heterozygous****Genotype****N/HCM****Conclusion:**

Interpretation:

2) Genotype: N/HCM

Interpretation:

The tested cat is heterozygous concerning the mutation in the MXBPC-gene (G-C in exon 3), which is thought causing the Hypertrophic Cardiomyopathy (HCM). Because of the dominant gene expression the cat will fall ill with HCM with a high probability. It will transmit the defect gene to its offspring with a probability of 50%.

*** Final report ***

Sincerely Dr. rer. nat. Balzer

Note.....:

1) Cooperating laboratory