

Sample ID 12522



GENETIC TEST FOR EPISODIC FALLING SYNDROME, CURLY COAT & DRY EYE SYNDROME

Dog's name: Be happy Venezian mask

Date of birth: 12.10.2010

Gender: female

Registration number: Uku 0076650

Microchip/tattoo number: 804098100026273 (dog is identified by veterinary *)

Breed: Cavalier King Charles Spaniel

Dog's **Be happy Venezian mask** DNA analysis for Episodic falling syndrome (EF) and Curly coat & Dry eye syndrome (CCDE) was performed.

Date of sample collection: 25.07.2013

Date of sample arrival: 01.08.2013

Date of test report: 12.08.2013

Specimen type: DNA sample extracted from buccal swab

Analysis method: PCR and sequencing

Tested genes: *BCAN*, *FAM83H*

Number of mutations/SNPs tested: 2

Comments: sequencing was performed by Estonian Biocentre and Tartu University's Institute of Molecular and Cell Biology, Riia 23b-304, Tartu 51010, Estonia

Result of the analysis:

Dog Be happy Venezian mask is clear, no mutations found.

EF (<i>BCAN</i>)	Result	CCDE (<i>FAM83H</i>)	Result
Clear	x	Clear	x
Carrier		Carrier	
Diseased		Diseased	

Interpretation:

Clear: Dog has two normal copies of gene, the dog is healthy.

Carrier: Dog has one changed copy and one normal copy of gene. The dog is healthy but a carrier of disease. Carrier of disease can pass on a copy of the changed gene to its offsprings with a 50% chance.

Diseased: Dog has two changed copies of gene and clear clinical symptoms of disease. The dog is not suitable for breeding.

Comments: There is a possibility that some Cavalier King Charles Spaniels could exhibit non-hereditary Ichthyosis or Dry eye syndrome. These conditions are not caused by gene mutations.

* Please note that the tested dog has to be identified by veterinary or Asper Biotech's personnel using the microchip scanner to guarantee the official testing results.

A handwritten signature in blue ink, appearing to read 'Hanno Roomere'.

Hanno Roomere, MSc
Molecular Geneticist

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Asper Biotech shall not be held responsible for test results in case the sample has been taken without professional veterinary as the dog must be identified in approved manner. In cases of the above mentioned situation the results are for informative purposes only.