

Sample ID 12525

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

Dog's name: Bunga Bunga du chateou noblesse  
 Date of birth: 21.09.2011  
 Gender: male  
 Registration number: ZB Nr: VDH-CCD4297/11  
 Microchip/tattoo number: 276093400232734 (dog is identified by veterinary \*)  
 Breed: Cavalier King Charles Spaniel

Dog's **Bunga Bunga du chateou noblesse** 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 Bunga Bunga du chateou noblesse 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.



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