



PennGen Laboratories | School of Veterinary Medicine | University of Pennsylvania
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DNA Testing: Owner/Patient Report 8/22/2018

Submitter Information

Owner's Name Mrs Claudia Fuhrmann

Patient Information

Official Name	Pelicanos Barbarella		
Call Name	Lilly	DOB	3/28/2017 (1 Years 4 Months)
Breed	French Bulldog	Sex	Female (Intact)
Registration #	GB 101/17	Microchip #	040098100493636

Testing Information

Submission ID	22782		
Testing Date	8/22/2018	Processed By	Dr. Paula Henthorn
Test	Cystinuria-Associated Marker (Type 3)-DNA [Cheek brushes/swabs]		

Result Information

Genotype	1-1 (Homozygous for Normal Markers)
Phenotype	See Interpretation
Interpretation	1-1 (Homozygous Normal) dogs have two copies for the normal markers and NO COPIES of the markers associated with cystine stone formation in your dog's breed. A male dog with this result has the lowest risk for forming cystine stones. However, we have identified several 1-1 dogs with elevated urinary cystine levels putting them at risk for cystine stone formation. Therefore, we recommend annual urine nitroprusside test screening for intact male dogs starting between one and two years of age.

Sincerely,

Paula Henthorn, PhD
Professor of Medical Genetics

Michael Raducha, BS
Research Specialist