



PennGen Laboratories | School of Veterinary Medicine | University of Pennsylvania
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DNA Testing: Owner/Patient Report 10/24/2018

Submitter Information

Owner's Name Mrs Maureen Polman

Patient Information

Official Name Hexe von Angels and Devils
Call Name Aagje DOB 12/20/2017 (0 Years 10 Months)
Breed French Bulldog Sex Female (Intact)
Microchip # 276098001053918

Testing Information

Submission ID 23494
Testing Date 10/24/2018 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