



PennGen Laboratories | School of Veterinary Medicine | University of Pennsylvania
3900 Delancey Street, Room 4022, Philadelphia, PA 19104
Lab: 215-898-5703 | PennVetDNA@lists.upenn.edu | <http://www.vet.upenn.edu/penngen>
DNA Testing: Owner/Patient Report 4/10/2023

Submitter Information

Owner's Name Ms Stacy Loftus

Patient Information

Official Name	Hilltop's Beautiful Athena	DOB	12/13/2021 (1 Years 3 Months)
Call Name	Athena	Sex	Female (Intact)
Breed	Portuguese Water Dog	Microchip #	992001001223098
Registration #	WS75004308		

Testing Information

Submission ID	39704	Processed By	Dr. Paula Henthorn
Testing Date	4/10/2023	Test	Juvenile Dilated Cardiomyopathy (JDCM) Linked Marker-DNA [Cheek brushes/swabs]

Result Information

Genotype	1-1 (Homozygous Normal Markers)
Phenotype	Probable Normal (Healthy)
Interpretation	1-1 (Probable Normal) dogs are not expected to develop JDCM, nor are they expected to pass a JDCM-causing allele to their offspring. Due to the inherent nature of linked marker tests, there is a slight chance that a pattern 1-1 dog is a carrier of JDCM and an even smaller chance that a pattern 1-1 dog is affected.

Sincerely,

Paula Henthorn, PhD
Professor of Medical Genetics

Michael Raducha, BS
Research Specialist



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Testing Information

Submission ID	39704	Processed By	Dr. Margret Casal
Testing Date	4/10/2023		
Test	Microphthalmia Syndrome (MOS-PWD)-DNA [Cheek brushes/swabs]		

Result Information

Genotype	1-1 (Homozygous Normal)
Phenotype	Healthy (Normal, Clear)
Interpretation	Homozygous Normals (1-1) are not expected to develop signs of Microphthalmia Syndrome (MOS-PWD) and none of their offspring will inherit the disease variant allele. 1 = Normal allele; 2 = Variant allele.

Sincerely,

Paula Henthorn, PhD
Professor of Medical Genetics

Michael Raducha, BS
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