



PennGen Laboratories | School of Veterinary Medicine | University of Pennsylvania
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DNA Testing: Owner/Patient Report 10/1/2016

Submitter Information

Owner's Name Arild Halsen

Patient Information

Official Name	Arca Halu Fine Art	DOB	6/6/2012 (4 Years 3 Months)
Call Name	Fine	Sex	Female (Intact)
Breed	Miniature Schnauzer	Microchip #	578098100386318
Registration #	NO43069/12		

Testing Information

Submission ID	13902		
Testing Date	10/1/2016	Processed By	Anna L Eringis
Test	Avian Tuberculosis (MAC)-DNA [Fresh EDTA blood]		

Result Information

Genotype 1-1 (Homozygous Normal)
Phenotype Healthy (Normal, Clear)
Interpretation Homozygous Normals (1-1) will not develop signs of Avian Tuberculosis (MAC) and none of their offspring will inherit the mutant (diseased) allele (gene).
1 = Normal allele (gene); 2 = Mutant allele (gene).

Sincerely,

Urs Giger, PD, Dr. med. vet., MS, FVH
Dipl. ACVIM, ECVIM, & ECVCP
Charlotte Newton Sheppard Professor

Karthik Raj, MS
Research Specialist
Josephine Deubler Testing Laboratory



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Testing Information

Submission ID	13902		
Testing Date	10/1/2016	Processed By	Anna L Eringis
Test	Myotonia Congenita-DNA [Fresh EDTA blood]		

Result Information

Genotype	1-1 (Homozygous Normal)
Phenotype	Healthy (Normal, Clear)
Interpretation	Homozygous Normals (1-1) will not develop signs of Myotonia Congenita and none of their offspring will inherit the mutant (diseased) allele (gene). 1 = Normal allele (gene); 2 = Mutant allele (gene).

Sincerely,

Urs Giger, PD, Dr. med. vet., MS, FVH
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