



PennGen Laboratories | School of Veterinary Medicine | University of Pennsylvania
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DNA Testing: Owner/Patient Report 12/22/2016

Submitter Information

Owner's Name Margit Emmerstorfer

Patient Information

Official Name	Dorris Day Grasant	DOB	1/24/2011 (5 Years 10 Months)
Call Name	Daily	Sex	Female (Intact)
Breed	Miniature Schnauzer	Microchip #	276098510286830
Registration #	ÖHZB SZ2588		

Testing Information

Submission ID	14910	Processed By	Anna L Eringis
Testing Date	12/22/2016	Test	Avian Tuberculosis (MAC)-DNA [Cheek brushes/swabs]

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