



PennGen Laboratories | School of Veterinary Medicine | University of Pennsylvania
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DNA Testing: Owner/Patient Report 8/14/2017

Submitter Information

Owner's Name Maria Baumann

Patient Information

Official Name	Katharina vom Unteren Niederrhein	DOB	7/23/2015 (2 Years 0 Months)
Call Name	Katharina	Sex	Female (Intact)
Breed	Miniature Schnauzer	Microchip #	276098106107585
Registration #	VDH15ZS42005912		

Testing Information

Submission ID	17664	Processed By	Alycia Frampton
Testing Date	8/10/2017	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