

Test Result

Sample ID: 1204-W-10746
Result Date: 09/05/2012

UK Office
125 Northenden Road
Manchester
M33 3HF

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Veterinary Surgeon

SARAH WORTHINGTON BSc BVSc MRCVS
BARRINGTON LODGE VETERINARY CLINIC
31 BARRINGTON ROAD
ALTRINCHAM
WA14 1HZ

Owner

JEANETTE NEWTON

Animal Details

Animal: Dog	Microchip No. 900008800146744
Name SHARDEE'S TAZAR AT ROCKFORCE (TAZAR NEWTON)	Tattoo No.
Breed GERMAN SHEPHERD DOG	KC Registration AM00084903
Sex MALE	
D.O.B 02/12/2010	

Sample

Sample Material EDTA BLOOD
Sample Date: 25/04/2012

Test

Test Name: 8032 MDR1 Gene Defect / Ivermectin Sensitivity

Result

Genotype: N/N (+/+) (Clear)
Interpretation: The analysed dog is a noncarrier of the mutation in the MDR1-gene that has been shown to cause hypersensitivity towards certain drugs such as ivermectin. The dog is clear of the ivermectin hypersensitivity caused by this mutation.

This mutation in the MDR1- gene was found in the following breeds: Collie, Shetland Sheepdog, Australian shepherd, German Shepherd, Old English Sheepdog, Bobtail, longhaired Whippet, Silken Windhound and American White Shepherd.

This result is only valid for the submitted sample material and the dog breeds mentioned above.

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Animal Details

Animal:	Dog	Microchip No.	900008800146744
Name	SHARDEE'S TAZAR AT ROCKFORCE (TAZAR NEWTON)	Tattoo No.	
Breed	GERMAN SHEPHERD DOG	KC Registration	AM00084903
Sex	MALE		
D.O.B	02/12/2010		

Sample

Sample Material EDTA BLOOD
Sample Date: 25/04/2012

Test

Test Name: 8158D Degenerative Myelopathy

Result

Genotype: N/ N (Clear)
Interpretation: The dog is homozygous normal for the intact SOD1-gene.

The dog does not carry the mutation in SOD1 that is suggested to be a major risk factor for the development of Degenerative Myelopathy.

The dog can pass only the normal gene on to all its offspring.

The currently known mutation has been analysed.

The result is only valid for the submitted sample.

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Breed	GERMAN SHEPHERD DOG	KC Registration	AM00084903
Sex	MALE		
D.O.B	02/12/2010		

Sample

Sample Material EDTA BLOOD
Sample Date: 25/04/2012

Test

Test Name: 8069 MPS (MUCOPOLYSACCHARIDOSIS TYPE VII)

Result

Genotype: N/N (Clear)
Interpretation: The dog is homozygous normal for the intact gene.

It is a noncarrier of the defect gene
(Mucopolysaccharidosis Typ VII).

The dog is genetically clear and will not be affected by
MPS VII.

The dog can pass only the normal gene on to all its
offspring.

The result is valid only for the submitted sample and
for the German Shepherd breed .