

## Test Result

**Sample ID:** 1401-W-01726

**Result Date:** 03/02/2014

UK Office  
125 Northenden Road  
Manchester  
M33 3HF

Tel: 0161 282 30 66  
Fax: 0161 973 3434

Email: [Info@laboklin.co.uk](mailto:Info@laboklin.co.uk)  
Website: [www.laboklin.co.uk](http://www.laboklin.co.uk)

### Veterinary Surgeon

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### Owner

CRAIG AND IRENE DAYE 14 HESKETH AVENUE STOKE ON TRENT STAFFORDSHIRE ST6 8AN
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### Animal Details

<b>Animal:</b> Dog	<b>Microchip No.</b>
<b>NAME</b> HAWKSGLEN ZORRO AT BECCADIABLE (GIGS)	<b>TATTOO NO.</b>
<b>Breed</b> GERMAN SHEPHERD DOG	<b>KC Registration</b> AM00995202
<b>Sex</b> MALE	
<b>D.O.B</b> 11/11/2010	

### Sample

<b>Sample Material</b> BUCCAL SWABS
<b>Sample Date:</b> 14/01/2014

### Test

<b>Test Name:</b> 8032 MDR1 Gene Defect / Ivermectin Sensitivity
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### Result

<b>Genotype:</b> N/N (+/+) (Clear)
<b>Interpretation:</b> 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

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<b>NAME</b> HAWKSGLEN ZORRO AT BECCADIABLE (GIGS)	<b>TATTOO NO.</b>
<b>Breed</b> GERMAN SHEPHERD DOG	<b>KC Registration</b> AM00995202
<b>Sex</b> MALE	
<b>D.O.B</b> 11/11/2010	

### Sample

<b>Sample Material</b> BUCCAL SWABS
<b>Sample Date:</b> 14/01/2014

### Test

<b>Test Name:</b> 8158D Degenerative Myelopathy
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### Result

<b>Genotype:</b> N/ N (Clear)
<b>Interpretation:</b> 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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### Owner

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### Animal Details

Animal:	Dog	Microchip No.	
NAME	HAWKSGLEN ZORRO AT BECCADIABLE (GIGS)	TATTOO NO.	
Breed	GERMAN SHEPHERD DOG	KC Registration	AM00995202
Sex	MALE		
D.O.B	11/11/2010		

### Sample

Sample Material	BUCCAL SWABS
Sample Date:	14/01/2014

### Test

Test Name:	8069 MPS (MUCOPOLYSACCHARIDOSIS TYPE VII)
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### 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 .