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Ms.
Katarina Oop-Bajde
Zvecaj 38
10000 Zagreb
Kroatien

Report

No.: 1110-W-08536
Date of arrival: 05-10-2011
Date of report: 10-10-2011

Patient identification:	dog	White Swiss Shepherd
	female	* 10.02.08
Date sample was taken:		
Owner / Animal-ID:	Oop-Bajde, Katarina	
Type of sample:	2x swab	

Parameter	Value	Reference value
Name:	Ulma Fliegeland	
Pedigree-ID:	SLR AKO 000234	
Chip-ID:	705060002090362	
Tattoo-ID:	000234	

MDR1 genetic test - PCR

Result: genotype N/N (+/+)

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 free of the ivermectin hypersensitivity caused by this mutation. This mutation in the MDR1-gene was found in the following breeds: Collie, Shetland Shepdog, Australian Shepherd, Bobtail, Longhaired Whippet, Silken Windhound, American White Shepherd, German Shepherd, McNab, Wäller. This result is only valid for the above mentioned breeds.

The DNA-test is run according to the publication of Mealey et al. (2001) "Ivermectin sensitivity in collies is associated with a deletion mutation of the mdr1 gene." and detects the mutation MDR1 nt230 (del4).

MDR1 genetic test carried out according to DIN EN ISO/IEC 17025 in our partnerlaboratory. Liability for specification of samples (e.g.