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DNA ANALYSIS PROTOCOL FOR DETECTION OF HEREDITARY DISEASES

Submitter of analysis: Marion PASQUALI
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Date of sampling: 27.03.2015
Date of samples receipt: 09.04.2015
Date of analysis: 15.04.2015

Breed/name	Tattoo or RFID id/ Certificate of origin	Laboratory code	Type of analysis	Result
Australian Shepherd / HAWANNA RED DU DUNCALLIPSY	250269500509657	150409/L1068	MDR1	P/P (-/-) afected
	LOF 32707/5299			

The results of analysis are stored in a database under the lab code 150409/L1068.

Hints:

MDR1-Multidrug resistance gene - nt230(del4), (autosomal recessive)

MDR1 ++ or N/N (non-affected): Both genes, inherited from both mother and father are undamaged (healthy).

MDR1 +/- or N/P (carrier): Subjects with confirmed heterozygous genotype are carriers. Defective gene can be transmitted to offspring.

Unwanted side effects are unlikely to occur but cannot be excluded.

MDR1 -/- or P/P (affected): Particular caution is necessary in case an individual is diagnosed MDR1 -/- genotype. Treatment with certain drugs in this case can cause significant problems in some cases lethal neurotoxic reaction.

Notice: This protocol applies exclusively to the sample and the data that were supplied by the submitter. DNA analysis concerns only the above mentioned disease. No information regarding the customer as well as purpose and results of the analysis will be provided to third parties.

In Bratislava 20.04.2015

Ing. Marcela Bielíková, PhD.