



Slovgen s.r.o. , Diagnostické laboratórium, Dúbravská cesta 21,
841 04 Bratislava 4, tel : 02/5930 7434, 0905 550 916, fax : 5930 7434

DNA ANALYSIS PROTOCOL FOR DETECTION OF HEREDITARY DISEASES

Submitter of analysis :	Jana Semianová	Date of sampling :	16.07.2014
	Obrancov Mieru 2	Date of samples receipt:	22.07.2014
	919 04 Smolenice, Slovakia	Date of analysis :	25.07.2014

Breed/name	Tattoo or chip/ Certificate of origin	Laboratory code	Type of analysis	Result
Collie Smooth/ MIGHTY'S SPRING MEADOW Linn Lowri	941000016041093	140722/K2765	CEA	R/R Non-affected

The results of analysis are stored in a database under the lab code 140722/K2765.

Hints:

Genotype CEA R/R – healthy subject – non-affected

Both genes, inherited from both male and female are unaffected. That means that the subject has both alleles healthy.

Genotype CEA R/r - carrier

Subjects with confirmed heterozygous CEA R/r genotype are carriers. Gene mutation can be transmitted to offspring.

Genotype CEA r/r – affected subject

The subject is a homozygote with r/r genotype, which inherited the affected allele from both parents and thus is affected by the disease.

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 25.07.2014
Ing. Marcela Bieliková, PhD.