

Sample ID: 2108-W-94736  
Original Sample ID: 2103-W-19152  
Result Date: 26/08/2021

### Veterinary Surgeon

STEINUNN GEIRSDOTTIR  
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### Owner

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### Animal Details

Animal:	CANINE	D.O.B	31/12/2019
Name	GARDSSTADA ASSA (ASSA)	Microchip No.	352098100095086
Breed	LABRADOR RETRIEVER	Reg	IS27613/20
Sex	FEMALE	Tattoo No.	

### Sample

Sample Material	SWAB	Sample received:	02/03/2021
Sample Date:	23/02/2021		

### Test

Test Name:	8018 E-LOCUS (Yellow, Lemon, Red, Cream and Apricot)
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### Result

**Genotype:** N/e1 (Previously termed E/e - see note below)

**Interpretation:** The dog is heterozygous for the allele N/e1 at the E-Locus. This means the coat colour does not depend on the breed's yellow, lemon, red, cream or apricot in the pigmented areas.

The dog will pass the recessive e-allele onto its offspring with a probability of 50%.

The currently known mutation has been analysed.

The test is only valid for the submitted sample.

Please note:  
A further causative variant in the E locus (named e2) has been identified in the Australian Cattle Dog breed. The additional mutation might be responsible for the yellow coat colour in further breeds.

Please note: The nomenclature of the results has been changed due to harmonizing efforts for genetic tests.

\*\*\*\*\* END OF RESULT \*\*\*\*\*

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