

Detection of e2 allele of locus E responsible
for dog coat color**Customer:** Jan Novák, Dlouhá 1, 30000 Plzeň, Czech Republic**Sample:**

Sample: 21-12345

Date received: 01.02.2021

Sample type: blood

Information provided by the customer

Name: Lassie DEMO**Breed:** Plemeno

Tattoo number: 1392013

Microchip: 123 456 789 012 345

Reg. number: REGQ12345

Date of birth: 1.1.2020

Sex: female

Date of sampling: 01.02.2021

The identity of the animal has been checked.

Result: e² allele absent**Explanation**

Presence or absence of e2 allele of locus E (variant c.-432G>C of MC1R gene) was tested. The e2 allele causes a non-standard cream colour in Australian cattle dogs. The cream colour is carried by individuals with genotype e2/e2 and also e1/e2. This test does not refer anything about e1 allele.

Method: SOP188-MPS-canine, MPS, accredited method

Date of issue: 06.02.2021

Date of testing: 01.02.2021 - 06.02.2021

Approved by: Mgr. Martina Šafrová, Laboratory Manager



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