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ELK CHRONIC WASTING DISEASE SUSCEPTIBILITY REPORT

NORTH AMERICAN ELK BREEDERS ASSOCIATION 9086 KEATS AVENUE SW HOWARD LAKE, MN 55349 Lucky Land	Case: EK40649 Date Requested: 04-May-2017 Print Date: 09-May-2017 Report ID: 6438-8479-2448-7080 Verify report at www.vgl.ucdavis.edu/myvgl/verify.html
Name: LLE 102 Reg: P4942 YOB: 2011 Sex: Female Breed: Elk Alt. ID: 102	
Sire: PVER MAX FAR GO Reg: A15249 Dam: LLE 403 Reg: P4644	

CODON 132 GENOTYPE RESULT

L/M

Result Codes:

- M/M 2 copies of methionine = CWD susceptible
- L/M 1 copy of methionine and 1 copy of leucine = CWD susceptible*
- L/L 2 copies of leucine = CWD resistant**

Chronic wasting disease (CWD) is a fatal transmissible spongiform encephalopathy (TSE) of elk and other cervids in North America. This test identifies a genetic difference that causes a change in the normal, cellular prion protein (PrP).

Breeders should be aware that only 1% of the elk tested are L/L for codon 132.

**Research findings suggest that L/M elk have a longer incubation period before clinical signs are evident*

***Research findings suggest that L/L elk are resistant to CWD; there has been only one confirmed case of CWD in an animal that tested L/L*