



VETERINARY GENETICS LABORATORY  
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**SUSCEPTIBILITY TO PUG DOG ENCEPHALITIS (PDE) REPORT**

JAMES RANKIN  
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**Case:** NCD26269  
**Date Received:** 25-Feb-2015  
**Print Date:** 03-Mar-2015  
**Report ID:** 1512-6286-7008-2071  
 Verify report at [www.vgl.ucdavis.edu/myvgl/verify.html](http://www.vgl.ucdavis.edu/myvgl/verify.html)

**Name:** CAMUSE DE LUXE DESTINS CHEVALIER

**Reg:** XD1458

**DOB:** 10/29/2014 **Sex:** Male **Breed:** Pug **Microchip:** **Color:** Black

**Susceptibility to Necrotizing Meningoencephalitis (NME)**

N/N

**Result Codes:**

- N/N:** No copies of the NME associated markers (homozygous for normal). These dogs have a low risk of developing NME.
- N/S:** One copy of the NME associated marker (heterozygous for susceptibility). These dogs have a low risk of developing NME.
- S/S:** Two copies of the NME associated marker. These dogs are 12.75 times more likely to develop NME in their lifetime.

**Note: This is not a diagnostic test for NME in Pug Dogs or for NME disease or risk in other breeds.**

The test determines the risk for developing NME in Pug Dogs and aids in selecting matings that will produce puppies that are at decreased risk (N/N, N/S). Although 11% of Pug Dogs are S/S, only about 1 in 8 of this group will develop NME during their lifetime. Breeding out the S genotype is not advised as this could lead to considerable loss of genetic diversity in the breed. Matings to N/N dogs can be selected that will not produce S/S puppies.

**IDENTITY MARKERS**

<u>LOCUS</u>	<u>TYPE</u>	<u>LOCUS</u>	<u>TYPE</u>
AHT137	141	AHT260	244 / 248
AME	YX	FH2848	236
REN105L03	227	REN169D01	202
REN169O18	166	REN247M23	268 / 270

**Orthopedic Foundation for Animals (OFA)**

Please consider registering your results. For more information, see [www.ofa.org](http://www.ofa.org).

**To register:** 1. Copy this page. 2. Fill out and sign form below. 3. Mail or FAX with payment to:  
**Orthopedic Foundation for Animals, 2300 E. Nifong Blvd., Columbia, MO 65201-3806**  
 Phone: (573) 442-0418 **Fax: (573) 875-5073**

*I hereby certify that the sample submitted was of the animal described on this application. I authorize the OFA to verify any attached laboratory reports with the issuing lab. I further authorize the laboratory issuing the attached documentation to verify the reported test results with the OFA upon their direct request. I authorize the OFA to release all information on the test results thus placing the results in the public domain, and I hereby release OFA from any and all liability associated with the release of test information.*

Signature of owner or authorized representative \_\_\_\_\_

The submission fee for an unaffected dog is \$7.50. Affected dogs at any age are no charge. Payments can be made by check, money order (U.S. funds drawn on a U.S. bank), cash, Visa, or Mastercard, payable to the Orthopedic Foundation for Animals.

\_\_\_\_\_  
 Visa/Mastercard number

\_\_\_\_\_  
 Name on card

\_\_\_\_\_  
 Exp Date

\_\_\_\_\_  
 CVV (security code)