



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

SANDRA MORGAN [REDACTED] [REDACTED]		<b>Case:</b> DDT2788 <b>Date Received:</b> 12-Aug-2011 <b>Report Date:</b> 18-Aug-2011 <b>Report ID:</b> 2112-5139-6218-9088
<b>Name:</b> WINDWALKER'S MY SURE SWEET HEART <b>YOB:</b> 08 <b>Breed:</b> PG <b>Sex:</b> F <b>Alt. ID:</b>		<b>Reg:</b> [REDACTED]
<b>Sire:</b> CH RINGOLEVIO VON SAN REMO <b>Dam:</b> WINDWALKER'S HONEYMOON SWEET		<b>Reg:</b> [REDACTED] <b>Reg:</b> [REDACTED]

**Susceptibility to Necrotizing Meningoencephalitis (NME)**

**N/S**

**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**

LOCUS	TYPE	LOCUS	TYPE
AHT130	117	AHT137	141
REN169O18	164	AME	X
REN169D01	216 / 218	FH2848	236 / 240
REN105L03	227 / 233	REN247M23	270

**Orthopedic Foundation for Animals (OFA)**

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